

—modern—
**MACHINE
KNITTING**

APRIL 1994

£1.60

Horn
Collection



**EASTER
PRIZE**

● **MACHINE CABINET**

ROSIE & JIM

● **INTARSIA SWEATERS**

FEATURING
SILVER REED
INTERNATIONAL
COLLECTION

- **PATTERNS TO KNIT**
- **BOOKS TO WIN**
- **NEW SERIES FOR
ELECTRONICS**

Advertise FREE in our Classified Section



THE FRIENDLY MAGAZINE THAT WELCOMES ALL MACHINE KNITTERS

TO&FRO

MACHINE KNITTING

- 64 PAGE BI-MONTHLY MAGAZINE
- HINTS, TIPS, PATTERNS, COMPETITIONS, UP-TO-DATE NEWS, ADVICE AND READERS' LETTERS
- A FULL TEAM OF EXPERTS COVERING ALL MAKES OF KNITTING MACHINE
- OVERSEAS READERS AND CONTRIBUTORS WELCOME
- SPECIAL OFFERS — EXCLUSIVE TO TO & FRO READERS
- FREE PERSONAL HELPLINE



- WE OFFER A PERSONAL AND FRIENDLY SERVICE TO ALL MACHINE KNITTERS
- TO & FRO IS PUBLISHED IN FEB/MARCH, APRIL/MAY, JUNE/JULY, AUG/SEPT, OCT/NOV, DEC/JAN

DON'T DELAY JOIN TODAY!

TO&FRO

MACHINE KNITTING

TO & FRO SUBSCRIPTION

United Kingdom £10.50 ☐

Overseas Air Mail £20.00 ☐ Surface Mail £15.00 ☐

Please send this form with your cheque (sterling only) made payable to **To & Fro** to:

**17 Grove Park, Waltham Road, White Waltham,
Maidenhead, Berkshire SL6 3LW**

I wish to pay by Access/Visa. Please charge my account.

My card number is:-

Expiry date

Name on credit card

Signature

Name

Address

Postcode

Telephone no.

Please start with the issue



APRIL '94

ISSN No. 0957-6673.

Modern Machine Knitting
is published by
Modern Knitting Ltd,
17 Grove Park, Waltham Road,
White Waltham, Maidenhead,
Berkshire SL6 3LW.

Our telephone number is 0628 829815.

Our fax number is 0628 829816.

Publisher and Managing Editor
Anne Smith

Deputy Editor
Hazel Ratcliffe

Assistant Editor
Angela Gordon

Advertising
Brenda Hughes
Tel: 0672 516749

Contributors
Peter Davies
Angie Gibbons
Angela Gordon
Jane Huntingford
Anne Kent
Hazel Ratcliffe

Photography
Henry Arden

Stylist
Sally Ann Carroll

Hair/Make-up
Rod at Select

Typeset by **RSB Typesetters**

Distributed by **Seymour**

Modern Knitting Limited, © 1994

Printed in England.

Canadian Distribution/Subscriptions:
Modern Sales Canada Inc., PO Box 67,
#4, 1865 McLean Ave, Port Coquitlam
B.C., V3C 3V5 Canada.

U.S.A. Distribution/Subscriptions:
Modern Sales U.S.A. Inc., 7724 88th Drive SE,
Snohomish, WA 98290.

C Contents

Editorial

Classified section	Page 64
Club speakers	Page 14
Clubs, classes & courses	Page 15
Competition – win a genuine Horn cabinet	Page 26
Competition winner for November	Page 27
A complete yarn service – read about Brockwell Yarns	Page 63
Finishing touch – more about knitting with the KR II	Page 30
Free advertising form – for all our readers	Page 66
Silver Reed Electronic Pattern book – 75 to win	Page 67
Helpline – your queries answered	Page 12
Knitline – the latest news	Page 4
Letters, hints & tips	Page 29
Pattern information	Page 59
Picture parade – canine designs	Page 50
Subscription Form & Back Issues	Page 34
Swatch spot – ladder variations	Page 40
Welcome to machine knitting – stocking stitch	Page 53

Patterns

New Silver Reed series – an introduction by Maggie Dyke	Page 19
Fair Isle sweater with double jacquard skirt (Silver Reed SK840 standard gauge machines with EC1 and ribber)	Page 21
1 Rosie and Jim – children's intarsia sweater (6.5mm double knitting machines with intarsia)	Page 8
2 Touch of silk – Silver Reed International Collection (Silver Reed 9mm chunky machines)	Page 16
3 Tango tunic – flowery tunic (Standard gauge punchcard machines)	Page 24
4 Beautiful bobbles – long line sweater with bobbles (6.5mm double knitting machines)	Page 32
5 Borderline design – child's Fair Isle sweater (Standard gauge punchcard or electronic machines)	Page 37
6 Cabled cotton – Silver Reed International Collection (Silver Reed 6.5mm double knitting machines)	Page 45
7 By special request – sleeveless crew-neck slipover (Standard gauge machines)	Page 48
8 Mediaeval tapestry sweater – unisex Fair Isle Sweater (Standard gauge punchcard or electronic machines)	Page 56
9 Fair play – man's cabled cricket slipover (Standard gauge machines)	Page 61

No part of this magazine may be reproduced or utilised in any form by any means, mechanical or electronic including photocopying, recording or by an information storage or retrieval system without first obtaining the written permission of the publisher. Whilst every care is taken to ensure the accuracy of the patterns, charts, drawings and editorial matter, the publisher can accept no responsibility whatsoever for any damage, loss or the like arising from their use.

Whilst every care is taken, no responsibility can be accepted for loss or damage to manuscripts, photographs or artwork. It is assumed that copyright of material submitted is that of the contributor or that necessary clearances have been obtained. Whilst we take every care when accepting advertisements, we cannot accept responsibility for unsatisfactory transactions but we will investigate any complaints. All rights reserved.

Dear Readers

April is one of my favourite months of the year – more daylight hours for easier knitting, flowers peeping from the earth and a few sunny days promoting a general anticipation of warm summer days to come.

We have a lovely selection of garments to help you make the most of the extra daylight and get ahead with your holiday knitting. Whether you like intarsia, Fair Isle, hand tooling on a double knit gauge machine, cables on both chunky and standard gauge machines or something really simple like a man's slipover, this issue will have you knitting in no time.

The first of the Silver Sweaters is just right to keep away the evening chill that is still in the air. Knit the skirt as well and start your new mix and match wardrobe now. Every cricketer will want one of our cabled slipovers; change the colours and knit one for all the men in your family – cricketer or not. We feature two designs for the children this time, Rosie and Jim for the younger members of the family and a lovely Fair Isle sweater for the not quite so young and more fashion conscious!

Angie Gibbons continues the theme of ladders in Swatch Spot and shows us how to produce some lovely layered fabrics which are just right for this season. Hazel Ratcliffe answers your questions and takes you through the more interesting aspects of stocking stitch. Read the last of the KRII series in Finishing Touch and make the most of the wonderful features offered by this accessory.

While you are working through all this, don't forget to enter our competition. This month we have a superb Horn Cabinet for you to win.

Wishing everyone a very Happy Easter and lots of Happy Knitting!

Angela

Knitline

NATIONWIDE EXHIBITION DATES

We love getting out and about to the knitting exhibitions and meeting all our readers. Come and have a chat, ask the question you kept meaning to write about, or pass on your hints and tips in person. Plan your visits to the Nationwide shows this year. The following dates will help ensure that you keep some time free to visit your nearest or favourite show.

18-20 March. The Southern

Knitting and Needlecraft Exhibition at the **Bristol Exhibition Centre.**

29 September-2 October. The National Knitting and Needlecraft Exhibition at the **NEC, Birmingham.**

28-30 October. The Scottish Knitting and Needlecraft Fayre at the **Royal Highland Showground, Edinburgh.**

FUNKY AND CHUNKY

Looking for a quick knit with fashion appeal for youngsters? The latest collection of children's pattern leaflets from **King Cole** will definitely fit the bill. All garments are knitted in **Premium Chunky** and **Funky Chunky** in sizes to fit from 24 to 30 inch chest.

The patterns are written for hand knitting but all are basically stocking stitch or intarsia with a few cables, so they will readily convert for chunky knitting machines. There are two lovely dinosaur intarsia designs by Betty

Barnden which will certainly delight the younger set.

If you fancy hand knitting something with a more traditional look, there are new pattern leaflets added to the Aran range with sizes from 28 to 48 inch chest/bust. These garments can be knitted in either the **Moby Aran** or **McCoy Aran** and are designed in easy to knit stitches which could readily be tackled even by a novice knitter.

Ask to see the new pattern leaflets at your nearest King Cole stockist.

CAMP TUCKANITSLIP

The third Camp Tuckanitslip, hosted by **Studio by White** (the American equivalent of Silver Reed) was held at Crystal Mountain, Washington from 11th to 14th June 1993.

During the four-day educational summer camp over 90 classes and workshops were featured. Beginners and experienced knitters alike enjoyed the opportunity to explore a full range of exciting classes. In-depth classes were offered on colour, design, fit and finishing which also encouraged hand knitters to join in the fun.

Evening entertainment included a fashion show, a barbecue with country & western entertainment, a scenic trip to the mountain top, informal discussion groups, shopping, a Karaoke sing along and a rewarding game of 'Studio'.

If that has whetted your appetite for a trip overseas with like-minded crafts people in beautiful countryside, now is the time to enrol for next year.

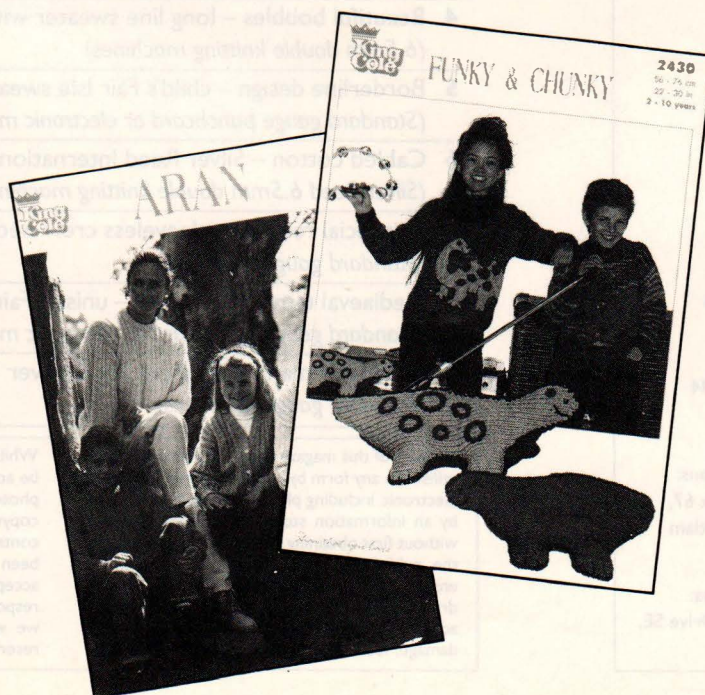
The 1994 camp will be held in Silver Bay, New York State from 24th to 27th June. For new machine knitters (and those who have not yet quite taken the plunge!) there will be an intensive introductory course tutored by Lynn Wohlsen who specialises in beginner education.

Experienced knitters will also have plenty to do, with dozens of lecture and demonstration classes and an increased number of hands-on classes and workshops.

In all a total of 150 classes, workshops and computer design courses will provide a rich and exciting experience for all knitters.

Extras for 1994 include a slide show by fibre artist Linda Mendelson, a fashion show and a cruise on Lake George.

For a copy of the 1994 brochure and schedule of classes telephone Studio by White at 1-



Angela Gordon brings you the very latest news of yarns, books and useful items from around the country.

800-367-0518 (prefixed by the international dialing code 010 in UK) or write to P.O. Box 94804, 11760 Berea Road, Cleveland, Ohio 44101-4804, USA.

NEW COLOURS IN CRÊPE

Bonnie's Wools have added thirteen new colours to their very popular **French Crêpe**. This brings the total number of colours available to thirty. These same new shades are also available in **Sable Crêpe** making a total of forty colours to choose from in this range.

French Crêpe is a very fine yarn with a lovely texture. It is ideal for Spring/Summer suits, tops and dresses and is normally knitted using two or even three strands together on standard gauge machines (one or two strands for fine gauge knitters).

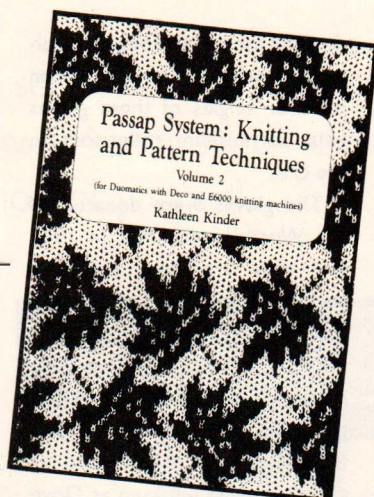
Sable Crêpe is a four-ply weight yarn with a silky appearance and handle. This yarn is also used extensively for suits and tops for the warmer months. Both yarns may be combined to produce shadow pleated effects.

Shade cards are available from any Bonnie's stockist, or you may send 50p and a stamped addressed envelope to Bonnie's Wools Ltd., Knitting Machine Centre, 1273 Bristol Road South, Northfield, Birmingham B31 2SP.

PASSAP SYSTEM: KNITTING AND PATTERN TECHNIQUES VOLUME 2

Duomatic and E6000 knitters will find lots of interesting knitting techniques in this book by **Kathleen Kinder**.

Kathleen explains and expands the official classification of Passap Stitch Patterns in the Deco 101-330 booklet. Using 45 of her own original designs she illustrates



transfer and release laces, solid pattern transfer, carpet stitch, single and double bed tuck and slip varieties, blister, mosaic bubble and pintuck fabrics and multi-coloured Jacquard.

Also included are blocks for babies and children and a section on knitting pleated skirts.

As with all books by Kathleen Kinder, this one, A4 and 92 pages, is absolutely crammed full of technical and historical information. It is economically priced at £8.95 plus £1.00 postage and packing and is available from Kathleen Kinder, Valley View, Station Road, Giggleswick, Settle, North Yorkshire BD24 0AB.

SIMPLY SHETLAND

A wonderful range of 2/8's (four-ply weight) **Shetland Wool** is available from **Simply Shetland**. Colours range from the neutral creams, browns and greys, through the pastels and traditional heathery shades to vibrant red, cerise, emerald and royal.

Simply Shetland also stock Lambswool/Silk Knopp in 15 shades, two-ply cotton in 35 shades and four-ply Acrylic in 50 shades.

Shetland wool is easy to knit with, but it must be knitted on a much looser tension than is normal for the thickness of the yarn. The resulting fabric is often disappointing when it comes off the machine, having a very stringy

open look, but a gentle wash, in Sansolaine or pure soap flakes, will produce a beautifully soft and fluffy garment. Tension swatches **MUST** be washed before measuring!

Send a large stamped addressed envelope for your copy of the shade cards to Simply Shetland, 9 West Port, Edinburgh EH1 2JA, Scotland.

PAM'S HAM

Dressmakers and tailors producing quality clothes always use a Tailor's Ham for steaming, or steam pressing, all shaped seams which follow the curves of the body; for example raglan shoulders, body seams and darts. These curved and shaped seams cannot be successfully pressed on a flat ironing board or table.

Knitters frequently have a

problem when steaming set-in sleeve seams and saddle shoulder styles. Lack of correct treatment in these areas is more obvious when the remainder is well finished! A Tailor's Ham stuffed into the armhole before steaming will give a perfect seam finish.

Professional Tailor's Hams are very expensive to purchase. **Pam Turbett**, author and teacher on Dressmaking and Cut and Sew Techniques, has addressed the problem by producing a kit containing the fabric, ready cut to the required shape and sewing instructions. All you require is some clean sawdust for stuffing, a sewing machine and very basic dressmaking skills.

To purchase a kit for Pam's Ham send a cheque or postal order for £5.25 to Pam Turbett, 17 Forest Rise, Liss Forest, Liss, Hampshire GU33 7AU.

6 ►

For beautiful yarns in wools, silks, cotton and many unusual blends and shades

For details send £1.50 to:-
CELANDINE LIMITED (MMK)
44 KIRKGATE, OTLEY LS21 3HJ
WEST YORKSHIRE

Access & Visa accepted
Tel: 0943 466640

Knitline

◀ 5 PATTERN WRITER FOR AMIGA

Terry Mason's very popular charting program for machine knitters, **The Knitting Pattern Writer**, is now available in a format suitable for use on Amiga Computers.

The program allows knitters to select the style of sweater or skirt they wish to knit, select a standard size or enter their own measurements, plus the tension swatch measurements. When all the necessary data has been entered, a printout can be made of the knitting instructions in diagrammatic format or the instructions can be viewed on screen.

The program is very easy to use and comes with a small instruction booklet, although the instructions on screen are perfectly adequate once the program is installed.

For further details please write to Terry Mason, 15 Inishmoynce Green, Antrim, Northern Ireland

BT41 4JZ. To order a copy of the program now, simply send a cheque for £34.95.

REPLICA GLOVES

The production of a facsimile knitting kit created from a pair of gloves displayed at the Wordsworth Museum, Grasmere, Cumbria, has revived interest in an extinct Dales knitting tradition. Hundreds of kits have reached as far afield as the United States and Japan.

The hand knitting kit is based on a pair of black and white woollen gloves made by Mary Allen, one of the last famous 'Hand-knitters of Dent', whose mother knitted for Queen Victoria. Traditionally hand knitting was a major source of income for many people in the Yorkshire Dales, but during this century the

demand for this skill was gradually lost. Today only about a dozen pairs or singles of these gloves exist in museum collections in the U.K.

The gloves were donated to the Wordsworth Trust in 1949 and they are now displayed, together with two single silk gloves worked by Mary Allen for a Mr A. Pearson in 1919 and the earliest known surviving pair of gloves knitted in the Dales tradition, dating back to 1846, at their award winning museum at Dove Cottage.

The facsimile kit of the gloves was produced in 1991 by Sue Leighton-White, Hand-knitting Editor for the Knitting and Crochet Guild in the hope that it would renew interest in the Dent tradition. The gloves are knitted in Rowan Yarns, four-ply Pure Wool and are an exact replica – even down to a mistake in the right hand glove!

These kits, which would make ideal gifts for a keen hand knitting relative, are available at the Wordsworth Trust's own book and gift shop, by mail order at a cost of £7.50 including postage from Mrs Hilson, The Wordsworth Trust, Dove Cottage, Grasmere, Cumbria LA22 9SH, or from selected outlets.

ULTRA-VIOLET RADIATION WARNING

Workplaces that use unfiltered tungsten halogen light sources should obtain a copy of the **Survey into the Use of Tungsten Halogen Light Sources in Occupational Environments**.

Recent research conducted by the National Radiological Protection Board, on behalf of the Health and Safety Executive has shown that the majority of tungsten halogen light sources are used as spotlights, with less than one percent being used as desk-top lamps.

Where these lamps are unfiltered, they can, in certain circumstances, give rise to ultra-violet guidelines being exceeded.

The report includes information, such as advice on the use of filters, to show how tungsten halogen light sources may be used so that ultra-violet exposure guidelines are not exceeded.

The report, number 59/1993, ISBN 0-7176-0407-1 is available from HSE Books, P.O. Box 1999, Sudbury, Suffolk CO10 6FS, or from Dillons Bookstores, or Ryman the Stationer, at a price of £20.

VIDEO HIRE SERVICE

Ann Kite Educational Services is now making all its video courses available on hire to members of its **Open Learning Club**.

This is something knitters have been requesting for years and Richard Kite, Manager of AKES, tells us 'It has taken a lot of careful thought and planning to make this possible and we are really pleased to announce this service at long last'.

Courses can be hired for as little as £5 per week, plus a returnable deposit. The ever-popular Beginners Course, which is sure to be in high demand, will cost £22 for a minimum of four weeks' hire and will take at least 25 hours to complete the lessons.

Any machine knitter using a Silver Reed, Knitmaster, Brother or Toyota machine will find a course of instruction to suit their needs. The range now covers detailed use of the punchcard (including tuck, slip and knitweave), the charting devices, both forms of intarsia and an ever extending range for the ribbers, including a comprehensive course on English and Fisherman's ribs.

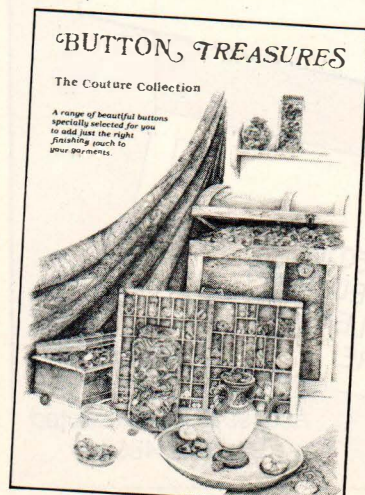
The Ann Kite Open Learning Club was founded in 1989 and has since recruited over 600

BUTTON TREASURES

Interesting and unusual buttons can lift a plain, simple garment into the designer class. Knitters living in large cities generally have plenty of choice when it comes to the vital fasteners for their lovingly knitted cardigans, dresses and tops. However, many knitters are not so fortunate and have great difficulty tracking down anything beyond a basic fish eye!

Now you can send for the Couture Collection Catalogue from Button Treasures and choose from over 700 styles in a variety of materials. You will find a button to suit most garments in the new catalogue, which also includes the Designer Collection, featuring buttons created by seven well known designers, including Jasper Conran, Jean Muir, Arabella Pollen, Zandra Rhodes and Vivienne Westwood. These designer buttons are hand made in ceramic, hand painted silk, Perspex, real Mother of Pearl, enamelled porcelain and hall marked Sterling Silver.

To order your copy of the Couture Collection send a cheque or postal order for £2.00 (refundable on your first order) made payable to Button Treasures, Freepost, KE 8426, London EC1B 1PJ or telephone 071-608 3745 to order by credit card.



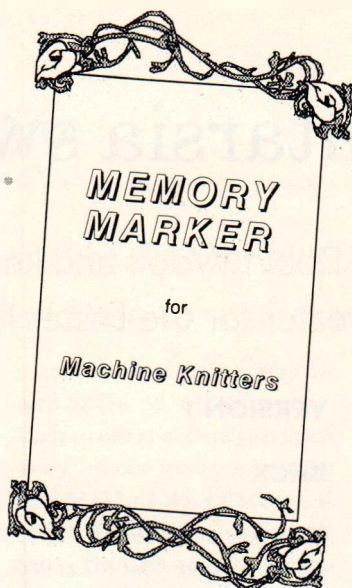
members. Benefits of belonging to the club include a help line, savings on video costs and extra personal supervision and assessment by telephone and post.

Membership of the club is limited but there are still some places available. To find out more, please contact Ann or Richard Kite at Ann Kite Educational Services on 054421 627.

MEMORY MARKER

It is very easy to forget on which row we must work shaping, change colour, mark end stitches and so on. Looking through a written pattern to find the next instruction can sometimes cause a mistake to occur when we accidentally read the instruction for the wrong size.

If this sounds like something that happens to you occasionally,



the **Memory Marker** by **Charts Unlimited** could be just what you need!

The **Memory Marker** includes an A4 write-on, wipe-off chart which takes you through the knitting instructions one row at a time. Read through your knitting pattern, writing any knitting instruction next to the appropriate row on a record sheet. This information can be transferred to the chart, which is then attached to the yarn mast by sticky Velcro.

The instructions are now readily visible and you can start knitting, checking each row as you knit.

The **Memory Marker** pack comprises a write-on/wipe-off chart, record sheets, marker pen

and full instructions and costs just £7.95 plus 55p postage and packing.

Send a cheque or postal order to **Charts Unlimited**, 20 Oakleigh Court, Edgware, Middlesex HA8 5JB.

WOMEN'S SAFETY - EVERYBODY'S BUSINESS

A booklet published on 21st November 1993 entitled **Women's Safety - Everybody's Business** focuses on the safety of women and its aim is to start changing the attitudes of both sexes as well as those people with the power to make things happen.

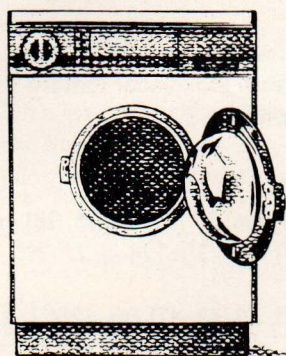
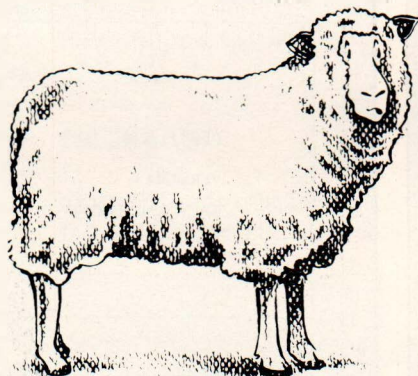
This is a joint venture between **Crime Concern** and **Cellnet**, based on the idea that if a community is safe for women it will be safe for everyone. The booklet offers practical suggestions on

what can be done at home, at work and on the streets.

In a survey conducted by Audience Selection for Crime Concern and Cellnet, over 70 per cent of people questioned felt that the safety of women is not given enough consideration by the authorities.

Obtain a copy of the booklet, free of charge, by sending a stamped addressed envelope to Freepost (CV1037), Stratford upon Avon CV37 9BR or call Freephone 0800 424323.

WOOL YOU CAN PUT IN THE WASH



Generally speaking, the more gentle the wool, the more gentle the wash.

Not any longer.

Now, Forsell have developed a 4-ply machine knitting wool, to complement their 2-ply range. And it's as durable as it is smooth.

A machine washable wool, 4-ply **SUPERWASH** is also 'tickle free' - eliminating

scratching and irritation.

Available in 20 attractive colours, this new range comes on 500g cones which are easily identified by the gold label - a mark of quality.

So if you're looking for a smooth operator which can take the rough, look no further than Forsell's Superwash.



NEW 4 ply SUPERWASH



Forsell

T. Forsell & Son Ltd., Blaby Road, South Wigston, Leicester LE18 4SG.

Distributors:

USA - Nomi Lee Yarns, 142 Congressional Lane, Rockville, MD 20852. **CANADA** - Westrade Sales, 2711, no 3 Road Richmond, B.C. V6X 2B2. **AUSTRALIA** - Karingal Vic/Tas. pty Ltd. 10 Reid Street, Bayswater, Victoria 3153. **HOLLAND** - Projeko, Raamsingel 30, 2012, DT, Haarlem.

Rosie and Jim intarsia sweater

This lovely design, produced courtesy of Robin Wools and knitted on the double knit gauge machine, is the ideal child's sweater for the Easter holidays.

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for 6.5 mm double knitting machines with a ribber and intarsia facility. If you don't have a ribber, work ribs in mock rib or knit by hand.

MATERIALS

Robin New World DK. (Yarn Guide No. 14.)

Version 1

3 [3, 3, 4, 4] x 50g balls in Cream (MC).

1 x 50g ball in Yellow (A).

1 x 25g ball in Green (B), Red (C), Blue (D), Rust (E) and Black (F).

A small amount in White (G) and Brown (H).

Version 2

3 [3, 4, 4, 5] x 50g balls in Cream (MC).

1 x 25g ball in Yellow (A), Green (B), Red (C) and Blue (D).

The fibre content of this yarn is 75% Acrylic, 25% Wool. For further information about this yarn, please write to the following address:- Robert Glew & Co. Ltd., Leeds Road, Greengates, Bradford BD10 9TE.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit chest 51 [56, 61, 66, 71] cm, 20 [22, 24, 26, 28] in. Actual size 57 [62, 68, 73, 79] cm, 22½ [24½, 27, 29, 31] in.

Length to shoulder 31.5 [35.5, 39, 43, 47] cm, 12½ [14, 15½, 17, 18½] in.

Sleeve seam 19 [22, 24, 28, 32] cm, 7½ [8½, 9½, 11, 12½] in (adjustable).

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

22 stitches and 30 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 5).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment. Always twist yarns together when changing colours in intarsia to prevent a hole forming.

VERSION 1

BACK

Using A, cast on 65 [71, 77, 83, 89] sts by hand. * Set RC at 000.

Using MT-I, K 15 rows.

Hemline

K 1 row. Drop every st 1 row down and reform for garter st. Cont in patt from chart A, K 15 rows. Using A, K 1 row. Drop every st 1 row down and reform for garter st *. Set RC at 000. Cont in st st **. Using MT and MC, K 80 [92, 102, 114, 126] rows.

Shape Shoulders

Push 21 [23, 26, 28, 30] Ns at left to HP. Cast off 21 [23, 26, 28, 30] sts at beg of next row. Using WY, K a few rows over rem 23 [25, 25, 27, 29] sts and release from machine. Push 21 [23, 26, 28, 30]

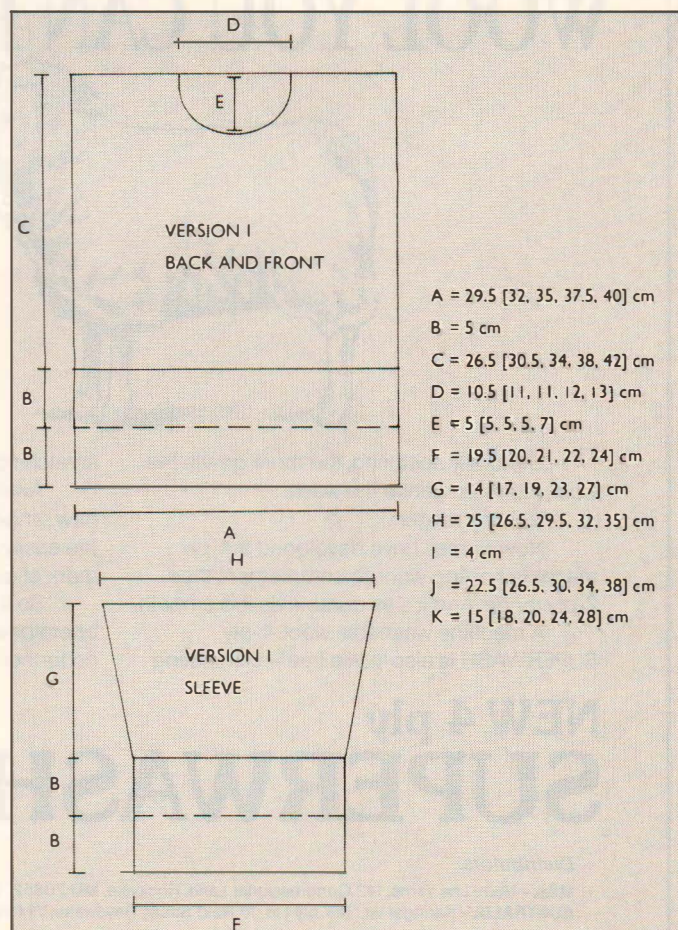
Ns at left from HP to UWP. Using a length of MC, cast off.

FRONT

Work as for back to **. Using MT and MC, K 2 [8, 12, 18, 20] rows. Cont in intarsia patt from chart B, K 54 rows. Cont in st st and MC, K 8 [14, 20, 26, 30] rows. RC shows 64 [76, 86, 98, 104].

*** Shape Neck

Push 37 [41, 44, 48, 52] Ns at left to HP and cont on rem sts for first side. K 1 row. Dec 1 st at neck edge on every row until 21 [23, 26, 28, 30] sts rem. K 8 [8, 8, 8, 14] rows. Cast off. With carriage at right, push 9 [11, 11, 13, 15] Ns at right from HP to UWP. Using WY, K a few rows and release from machine. With carriage at left, push rem Ns from





HP to UWP and finish to correspond with first side, reversing shapings ***.

SLEEVES

Using A, cast on 35 [37, 39, 41, 43] sts by hand. Work as for back from * to *. Using WY, K a few rows in st st and release from machine. Push 43 [45, 47, 49, 53] Ns to WP. With carriage at right and wrong side facing, replace sts on to Ns inc evenly. Unravel WY. Set RC at 000. Using MT and MC, K 4 rows. Shape sides by inc 1 st at each end of next and every foll 6th row until there are 55 [59, 65, 71, 77] sts. K 7 [10, 4, 4, 10] rows. RC shows 42 [51, 57, 69, 81]. Adjust length at this stage, if desired. Cast off.

NECKBAND

Join right shoulder seam. Push 65 [69, 73, 89] Ns to WP. With P side facing, pick up 23 [25, 25, 27, 29] sts across back neck, 16 [16, 16, 22] sts down right side of

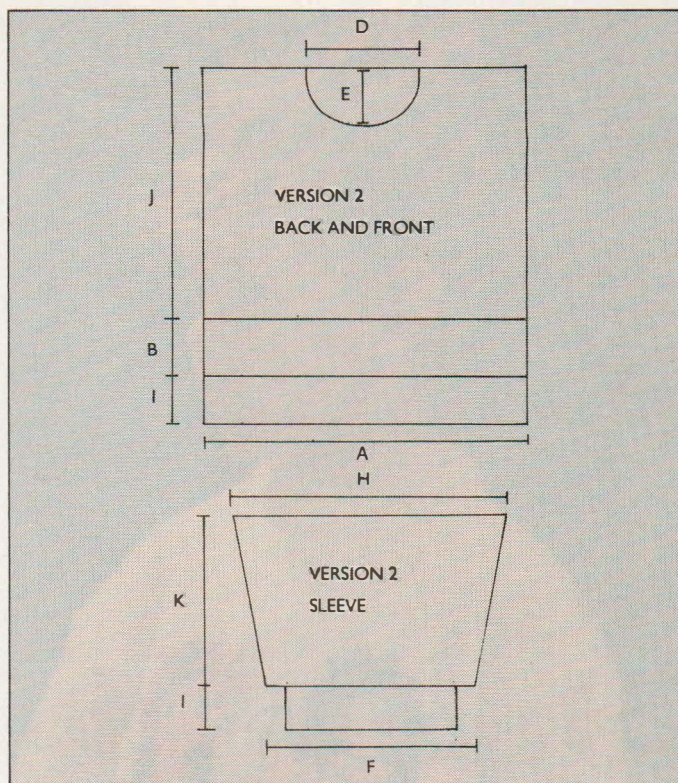
neck, 9 [11, 11, 13, 15] sts across front neck and 17 [17, 17, 17, 23] sts up left side of neck and place on to Ns. Unravel WY. Set RC at 000. Using MT and MC, K 1 row. Transfer sts for 1x1 rib. Using MT-3/MT-3, K 18 rows. Transfer sts to main bed. Cast off.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on ball band.

MAKING UP

Join left shoulder and neckband seam. Fold neckband in half to inside and slip stitch loosely in position. Set in sleeves, matching centre to shoulder seams. Join side and sleeve seams *. Fold welts and cuffs in half to inside and catch down. Using appropriate colours, embroider as shown (remembering wrong side of chart is shown).



VERSION 2

BACK

With carriage at right and using MC, cast on 65 [71, 77, 83, 89] sts in 1x1 rib. * K 3 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 12 rows. Transfer sts for st st *. Set RC at 000. Using MT, cont in patt from chart A, K 15 rows. Using A, K 1 row. Drop every st 1 row down and reform for garter st. Set RC at 000. Cont in st st **. Using MC, K 68 [80, 90, 102, 114] rows.

Shape Shoulders

Push 21 [23, 26, 28, 30] Ns at left to HP. Cast off 21 [23, 26, 28, 30] sts at beg of next row. Using WY, K a few rows over rem 23 [25, 25, 27, 29] sts and release from machine. Push 21 [23, 26, 28, 30] Ns at left from HP to UWP. Using a length of MC, cast off.

FRONT

Work as for back to **. Using MC, K 52 [64, 74, 86, 92] rows. Work as for front of version 1 from *** to ***.

SLEEVES

Push 43 [45, 47, 49, 53] Ns to

WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MC, K 4 [6, 2, 2, 6] rows. Shape sides by inc 1 st at each end of next and every foll 6th row until there are 55 [59, 65, 71, 77] sts. K 10 [11, 9, 9, 11] rows. RC shows 45 [54, 60, 72, 84]. Adjust length at this stage, if desired. Cast off.

CUFFS

With carriage at right and using MC, cast on 35 [37, 39, 41, 43] sts in 1x1 rib. Work as for back from * to *. With P side facing, replace 43 [45, 47, 49, 53] sts from lower edge of sleeve on to Ns, gathering evenly. Unravel WY. Using MT+2, K 1 row. Cast off.

NECKBAND

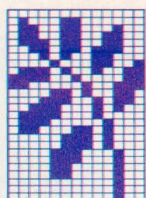
Work as for version 1.

PRESSING

Work as for version 1.

MAKING UP

Work as for version 1 to *.



DESIGNAKNIT 5

The Ultimate Design Tool
for Designers and Knitters

THE SINGLE PROGRAM WHICH LINKS TO:

Brother - 930, 940, 950i, 965, 270, 965i, PPD (including KH900 & CK35)
Silver Reed - 830, 840, 860, 890, PE1 Knitmaster - 550, 560, 580
Pfaff/Passap - E6000 (including 32K)

DesignaKnit sends colour patterns directly by cable to the above machines and gives both shaping and colour changing instructions on the screen as you knit.

Also available: **THE UNIQUE DESIGNAKNIT SCREENLINK**

Use with almost any machine - manual, punchcard or electronic.
Follow screen instructions for garment shaping and colour changing

ACECAT II GRAPHICS TABLET

Draw your colour pattern designs on the screen using an electronic 'pen' and graphics pad.

DesignaKnit Starter	£79.00
DesignaKnit Standard	£119.50
DesignaKnit Professional	£169.50
Cables	Prices vary for each cable
Acecat II Graphics Tablet	£ Call
Demonstration disk	Free - send £1.00 stamps

Prices include: VAT, postage, On Screen Tutorial and Helpline,
For IBM compatible computers with EGA/VGA screen.
Courses and complete computer systems available.

Available from good Knitting Machine Stockists

Send for a free information pack to:

SOFT BYTE LTD

Quarry Lane, Nantmawr, Oswestry,
Shropshire SY10 9HH

Tel: 0691 828556 Fax: 0691 828195

Australia 08 277 4750 Canada 604 658 8162

Czech Republic (Czech version) 069 692 3366 Sweden 08 35 0022

Holland, Germany, Austria, Benelux & Eastern Europe

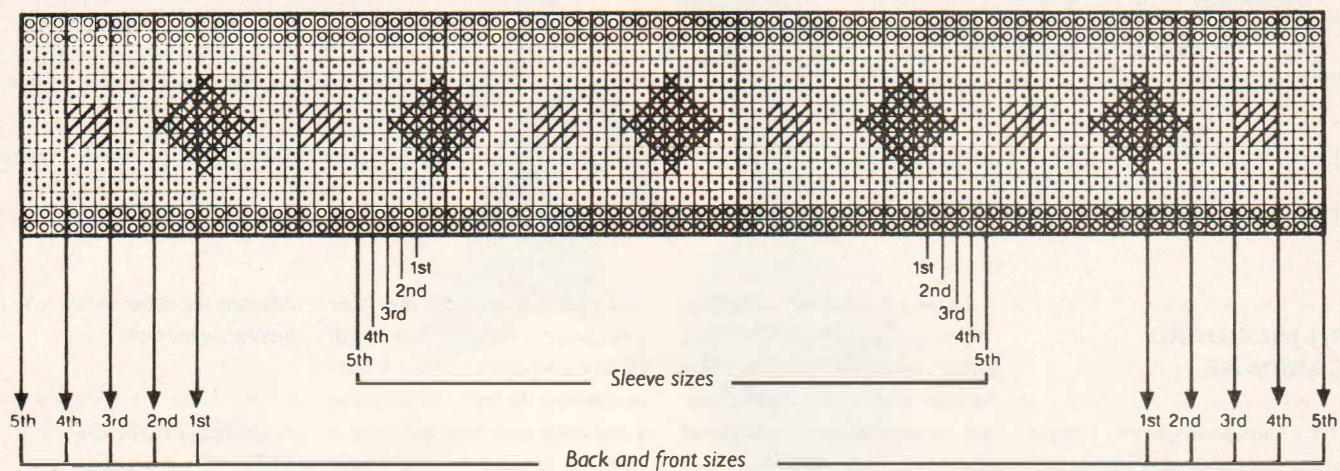
(German & Dutch versions) 03402 50401

Norway 472 2290208 USA 213 938 2077 South Africa 021 962536

Poland & Eastern Europe 061 675655 New Zealand 044 769 458



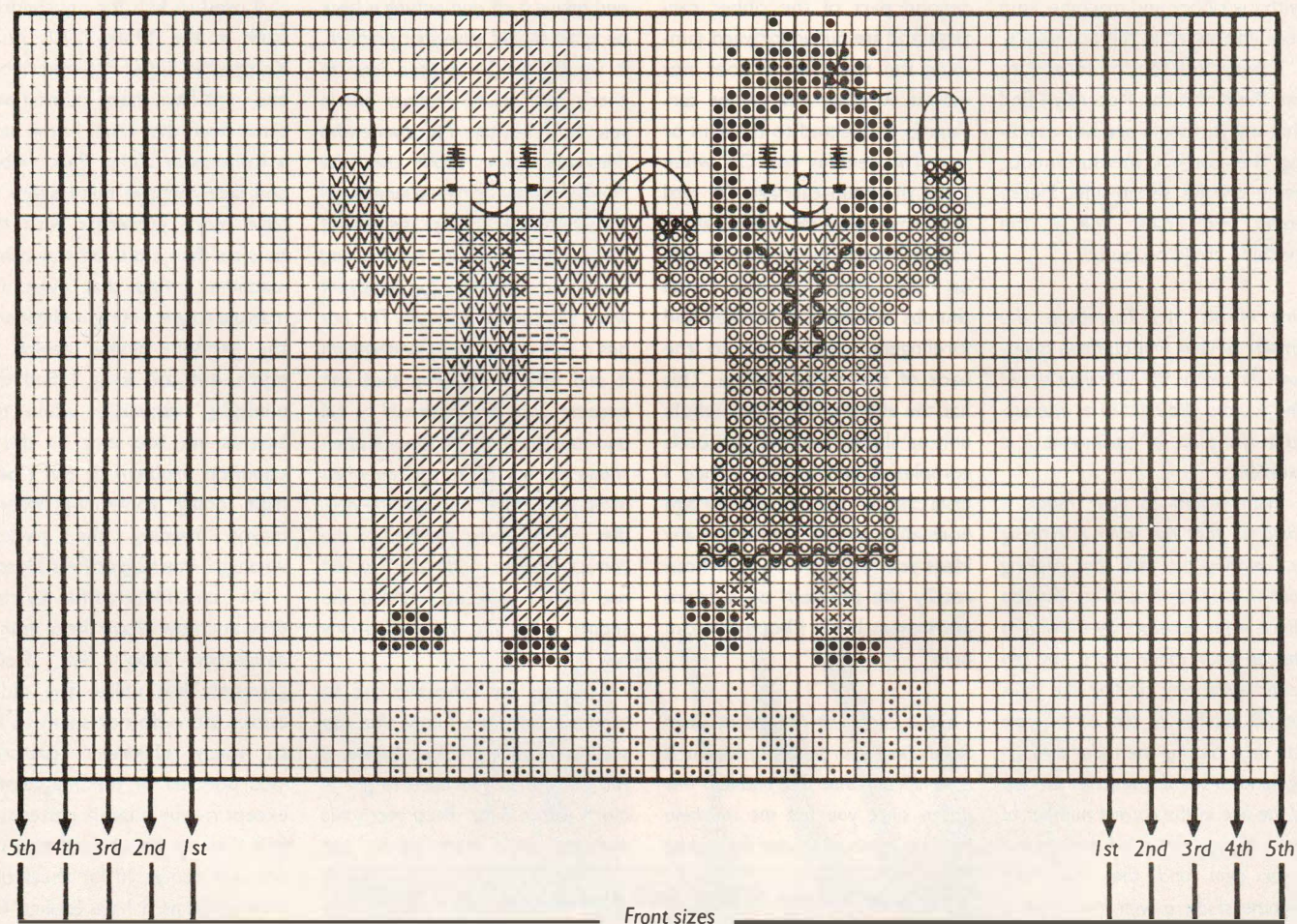
CHART A



KEY

○ = Yellow (A) ◻ = Green (B) ⊗ = Red (C) ▨ = Blue (D)

CHART B



KEY

◻ = Cream (MC) ◻ = White (G) ⊗ = Red (C) ◻ = Green (B) ◻ = Brown (H) ▨ = Rust (E) ● = Black (F) ◻ = Yellow (A)



© Central ITV/Rag Doll Productions

The Rosie and Jim television series is a Ragdoll production for Central Independent Television.

Design of the Rosie and Jim puppets © 1991 Ragdoll Productions (UK) Limited. Central logo copyright © 1989 Central Independent Television plc.

Produced under licence and by permission of Central Independent Television plc and Ragdoll Productions (UK) Ltd.

Helpline

Let us help you with your machine knitting queries. Our team of experts are here to advise on all aspects of machine knitting.

RJ1 JACQUARD CARRIAGE

Mrs Thompson from Jarrow wrote to us about her ribber and radar.

'I have a Silver Reed 740 machine plus SR50 ribber. Could you advise me please if the RJ1 Jacquard carriage would work with my ribber and machine. I am very interested in this accessory.

I always knit tension squares to use the Knitradar. Recently I find that my garments are not reaching the correct measurements, being on the short side. Please could you advise me if the machine could be faulty.'

First of all, Mrs Thompson, the answer to your first question is yes, you can use the RJ1 with your ribber and you are also right to be interested in this piece of equipment, it is excellent.

With regard to your radar, it could be that the roller is slipping and moving too fast, thus making your knitting come up short. You can check it for accuracy by drawing a line on your radar chart, say ten centimetres long, setting the rows for 28 stitches to ten centimetres and then clicking the radar through by hand to see if it reaches the top of the line in the correct number of rows. If you have used the radar a great deal and the roller has become shiny, a wipe over with a cloth with just a dab of surgical spirit on it will take the shine off the roller, and probably solve the problem. If it does not then you will need to get your radar checked by a mechanic. Good luck and we hope you get an RJ1.

A RIBBER QUESTION

Mrs Angela Craggs from York has a problem with her ribber.

'I have a Knitmaster 360L knitting machine with SRP50 ribber. Earlier this year I packed the machine away so we could decorate. I reassembled it a couple of weeks later but have only just got round to using it again. A problem has arisen when I have the ribber arm attached to the main carriage. When I try and cast on in rib some needles catch on the second part of the ribber carriage and are pulled forward, jamming the machine. It does not matter whether the ribber carriage is connected to the arm or not. The needles knit OK when using the main carriage. By trial and error I have discovered that I can cast on by using both hands on the main carriage, with thumbs around the handles and forefingers pressing on to the back of the main carriage. This has the effect of lifting the whole unit up slightly and the cast on is completed successfully. Once I have cast on I can use the carriage normally. I would appreciate any ideas you may have on how I can rectify the problem on a more permanent basis. I hope you can help.'

I had a chat with Maggie at Silver Reed about your problem, Angela. It is significant that this problem has arisen since you put the machine back up again after your decorating

stint. It sounds as though the ribber is not properly adjusted. Take it right off and start again and put it back on, following the instructions carefully and doing each bit in the order in which it appears in your ribber book. Make sure that the metal plates on each end of the ribber are flat against the plastic pieces that fit on each end. Your ribber is not aligned correctly with the main bed and taking it off and putting it back on again should solve your problem. It would also be a good idea to check your needle retainer bar in your main machine. For anyone who does not know about this, the needle retainer bar is the long metal bar which slides through the front of the machine under the needles and keeps them in place. You remove it when you change a needle. This bar has a soft sponge lining underneath it and after some time that can become quite flat, (it should be full and spongy). If this happens it often shows up in a faulty cast on when using your ribber, because the needles are not being retained in the correct position. Slide the bar out and have a look at it and if the sponge is flat you will need a new bar.

They are not expensive and do last for a long time. I hope that you soon solve your problem Angela, if you don't then you need to get in touch with a Silver Reed mechanic and get some more advice, but

adjusting the ribber should solve the problem; good luck.

A QUESTION OF SIZING

Mrs Edmund from Evesham wrote to us about her garment sizing and about finding knitting patterns.

'I used to knit for my children back in the 1950s-1970s on a Knitmaster Super Plus and ribber and I still have many knitting patterns from that time. I now have a Knitmaster Zippy Plus, ribber and lace carriage but I seem to have more problems with the tension than I did on the other machine. I find that even if I manage to get the right chest size the garment always seems to come out too long. I find this annoying, especially when the sleeves are too long. Is this a common problem or am I perhaps doing something wrong, maybe reading the pattern wrongly? Any suggestions please!

As I said, I knitted for my children and now I have three granddaughters who like pretty garments but unlike the older books there do not seem to be so many childrens' patterns incorporated in the magazines, except maybe intarsia patterns. I find that my granddaughters do not seem to go in for these big, bold patterns. I have looked for lacy patterns but they are few and far between. Where can I find these patterns?'

First of all, Mrs Edmund, your problem is a common one and I am sure that you are not doing anything wrong so far as reading the patterns is concerned. What you need is a basic sizing system/chart from which you can work to adjust any patterns that are not the size you want.

We'll be pleased to hear from anyone who has a specific query on any knitting machine, whether it be a standard, chunky, DK or fine gauge; manual, punchcard or electric model. Your questions might concern a knitting technique, patterning query, use of one of the accessories, or a general problem you are experiencing. Don't forget, it doesn't matter whether you are an experienced knitter or just starting out as a beginner to machine knitting – your query might help others too! Please send your letters to Modern Knitting Helpline, 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW. We'll send a Modern Knitting binder to readers whose letters we publish.

It is quite rare these days for any of us to knit a tension swatch and find that it measures exactly the right number of rows and stitches that the pattern says we must have. If the stitches are right the rows are not and vice versa.

GOLDEN RULE ... it is almost always easier to adjust the pattern to suit the tension you have chosen than it is to knit lots of tension swatches and hope eventually to come up with the right one. You need to find or assemble for yourself a basic sizing chart covering all the sizes you are likely to be knitting. Start with babies and children in age groups and then go on to the standard children and adult sizes. Some books have one of these charts in them and the Marion Nelson pattern cards also have them. It is also quite easy to make your own by gathering all the necessary information from knitting patterns in books and magazines, especially from ones you have tried and tested. The charts need to include all the relevant measurements – length, underarm depth and so on – and they are easier to follow if you do prepare them in a chart form. When you select a knitting pattern from a magazine you can check the finished measurements from the pattern diagrams against your chart and make any necessary adjustments you think you need. Even more useful, you can knit a basic shape from your chart without any existing pattern and you can of course use them if you use a charting device any time.

MY SYSTEM

The system that I use is that I have a basic set of standard measurements which I work from, but I also have a file of individual measurements for people I knit for regularly. The main problem of course with children is that they grow so quickly, the measurements are rarely the same twice but by keeping the information on file it always comes in handy again at a later date, it is never wasted. For instance, I have just had to knit pompon hats and scarves for three children aged one year, two years and five years. I found a basic pattern, test knitted it and then adjusted the pattern for the three sizes. I now have a record of them and they will certainly come in useful again in the future. I also

stick a small piece of the yarn used for the pattern on to the page, so that when I come to use the pattern again I will know what sort of yarn I used. Writing down the brand name does not always work, since yarns come and go and colours also vary sometimes in thickness. I keep all this information in an A4 ring binder so that I can easily add to it and I can remove a pattern and knit from it and then replace it.

OTHER PATTERNS

When I find a pattern that I like, I usually file that as well, in another folder. It does make a mess of my magazines and sometimes there is something on the other side that I also want but mostly I can manage it. It is so useful and saves so much time searching through old magazines to find what I want. I have the folder divided into children, ladies, men's, toys and so on, with the inevitable miscellaneous at the back!

AN ALTERNATIVE

If the thought of cutting up your magazines appals you the alternative is to make an index in a similar way under useful headings and just record where the pattern can be found. If you decide to do this you really should treat yourself to binders for your magazines, so that they can be kept in order and do not get lost or lent out and not returned!

FINDING PATTERNS

There are lots of attractive patterns for little girls, some new and some to be found in the old punchcard pattern books. As with the sizing, you need to build up a collection and keep notes of what you have and where you can find it. Don't limit yourself to machine knitting books either. Look at some of the hand knit books and cross stitch and embroidery books for inspiration for small patterns.

I hope that this will be of some help to you Mrs Edmund and perhaps if some of our readers have any other suggestions to add, they will drop us a line so that we can pass them on.

A DIFFERENT VIEW

Mrs Ann Barton from Maidenhead wrote to us because she

was having difficulty with a tension swatch for a sideways knitted garment.

'I did my tension swatches and not one of them was right. The tension 6 swatch is OK stitch-wise but the rows are about four rows out. With a 'normal' pattern I can work out the stitches and rows but as this pattern is a sideways knit I have no idea what to do. Please help me if you can.'

I am pleased to include this extract from Ann's letter because we have had several questions recently from knitters who have not tackled sideways knitting and the tension swatches are just one of the reasons for them not having a go. It is true to say that sideways knitting is, in lots of ways, far easier than knitting in the conventional way, especially when it comes to the neck shaping and so on.

First of all, the tension swatch. All you have to remember is that the rows are your width (not the length as they usually are) and the stitches give you the length. So, if you need something ten inches long and you have seven stitches to the inch, you need to cast on 70 stitches to give you your required length. Likewise, if you need something ten inches wide and you have ten rows to the inch, you will need to knit 100 rows to give you your ten inches. I find it easier always to work from a diagram that I have drawn sideways, so that I do not get mixed up (well, not often!). Once you have got it into your head that the stitches give you your length and the rows give you your width, then any adjustments made to the pattern are made in the same way as you would with a conventional pattern. If you needed more length you would cast on more stitches and if you needed more width you would knit the appropriate number of extra rows.

ADVANTAGES OF SIDEWAYS KNITTING

One of the greatest advantages is that you can knit really large sizes because you are not limited as to the width by the number of stitches you can cast on, you can knit as many rows as you like. If ever you are asked to knit for someone who is extra large, your first thoughts should turn to a sideways knitted garment.

NECK SHAPINGS

These are so easy, with no holding stitches when you reach the round neck shaping. It is simply a matter of casting off a number of stitches, or decreasing them gradually, knitting some straight rows in the centre and then increasing and casting on again. The same method, but just increasing and decreasing, applies to the V neck shapings.

OTHER ADVANTAGES

Patterns designed as borders for the bottom or yoke of a conventional sweater take on a whole new life when you use them as a vertical panel down one side or the centre of a sideways knitted sweater. You are knitting the pattern in exactly the same way as you would for a border but when the piece is removed from the machine you have a vertical panel of pattern which is very attractive. You can use as many colour changes as you wish and that adds even more to the interest and the final result. Panels of lace, cable, tuck stitch can all be used in this way.

THINGS TO WATCH FOR

With tuck stitch the tension alters considerably and you will find that where a tuck panel is, the knitted section will have a bulge at each end where the knitting is much wider, because of the nature of the stitch. However, this can be 'hidden' in the making up, especially if you are adding a rib or hem at the bottom after knitting the body piece.

RIBS AND HEMS

These are usually knitted separately and joined to the body piece on the machine. You may need to decrease evenly across the body piece to fit it on to the band. Make sure that the cast off is not too tight when you do this or you run the risk of it snapping when the garment is pulled on and off.

ONE STEP FURTHER

If you want a real change, treat yourself to some of Jodie Raymond's *Upside Down Pattern* books, they are wonderful and much easier than they sound. If you can't get them locally you can write to the Knitting Neuk at PO Box 5, Cromarty, Ross-shire IV11 8XZ, or telephone them on 0381 600428 for a list of these books.

C lub speakers

TERRY ARMITSTEAD and JANE HUNTINGFORD

c/o 16 Renoir Court, Fairlands Estate, Bognor Regis, West Sussex PO22 9AY.
Tel: 0243 826125

Subject: Combined talks on:
TALK 1: Intarsia motifs, technique books, garment patterns and geometric designs for punchcard and electronic machines.
TALK 2: "Inspirational Variations". How to get more out of your punchcard and electronic designs, plus all the latest of our products.

Travel: No restriction.

ANN BROWN

Posh Frocks, 35 The Links, Whitehill, Bordon, Hampshire GU35 9HB.
Tel: 0420 474904

Subject: All aspects of design from techniques to pressing, including slide show, also Passap/Pfaff.

Travel: Club Talks – 100 miles. Workshops/Hands on – any distance.

RUTH COX

Pippin Designs, 22 Clifton Road, Dunstable, Bedfordshire LU6 1LU.
Tel: 0582 605808

Subject: No ugly ducklings. Bears, babies and beautiful dolls. Hints and tips on how to make machine knitted toys successfully.

Travel: 50-mile radius, further by arrangement.

WENDY DAMON

9 Sedley Close, Cliffe Woods, Rochester, Kent ME3 8HE.
Tel: 0634 221629

Subject: Design Ideas, Using Punchcards Creatively, Double Jacquard, Surface Decoration and more – send for full details of talks and workshops.

Travel: 100-mile radius of Rochester for talks, more for workshops.

THELMA DAWSON

287 Brompton Road, London SW3 2DY.
Tel: 071-589 0772

Subject: Intarsia for beginners/improvers and, of course, the Dawson Grids with all they can achieve. Workshops can be arranged.

Travel: 70-mile radius of London. Further by arrangement.

ANN DISHMAN

Briarbank, Highview Lane, Ridgewood, Uckfield, East Sussex TN22 5SY.
Tel: 0825 767757

Subject: Life with Angoras. Angora yarn: its uses, handspinning for the knitting machine. Rainbow dyeing of commercial and handspun yarns with demonstrations.

Travel: Reasonable distance as rabbits also travel to clubs.

ANN DURKAN

Michaelmas Cottage, Twineham, West Sussex RH17 5NN.
Tel: 0444 881556

Subject: Lively lecture by qualified designer, concentrating on creativity, garment design and imaginative use of colour and texture. Emphasis on *Elegance made Easy*. Plenty of sample garments to try on and have fun with. Workshops also arranged.

Travel: No restriction.

KENI FREEMAN

19 Willersey Road, Badsey, Worcestershire WR11 5HB.
Tel: 0386 832080

Subject: Intarsia; Design and Colour; Using sewing machines and overlockers with knitted fabrics; Copyright.

Travel: Will travel to most areas.

ANGIE GIBBONS

26 Cripps House, Henderson Road, Broadfields, Crawley, West Sussex RH11 9HY.
Tel: 0293 523805

Subject: Creative lecture by qualified designer covering design research, inspirations, colour theory and yarn usage. Detailed design techniques as given in *Swatch Spot* articles in *Modern Machine Knitting*. Garments from children to adults shown. Workshops can be arranged.

Travel: Any distance considered.

ANDREA HARTLEY

Jaquandra, 96 Beaumont Chase, Bolton BL3 4XH.
Tel: 0204 659589

Subject: "Cotton Crusade" covering all types of cotton yarns available. Their behaviour during and after knitting, with swatches and garments. Also demonstrations on necklines and lace patterns for tunic borders.

Travel: 2 hours of Manchester.

ROZ KELLETT

68 St Aubins Avenue, Bitterne, Southampton, Hampshire SO2 8NW.
Tel: 0703 446389

Subject: Take the tension out of knitting. A designer shares her secrets and enthusiasm for the craft we all love.

Travel: South of England, elsewhere by request.

ANNE KENT

23 Springfield, East Grinstead, West Sussex RH19 2RT.
Tel: 0342 313562

Subject: Informative talks; Sideways sweater to your size; Size right; Punchcard designing; Pockets galore.

Travel: Reasonable distance from East Grinstead.

PEGGY LA RIVIERE

67 Bartholomew Road, London NW5 2AH.
Tel: 071-267 2712

Subject: The blocking cloth and finishing; demonstrations of stitched appliqué on knitwear; a good way of using up tension swatches; original winter coats.

Travel: Up to two hours from London, further by arrangement.

GILLIAN LAMB

16 Firwood Close, St. Johns, Woking, Surrey GU21 1UQ.
Tel: 0483 476356

Subject: Computers – general talk for knitters and stitchers new to computing. Talks and workshops for designing on computer with Delux Paints.

Travel: 70-mile radius, further by arrangement.

CHRISTELLE MARKS-JEFFERY

Christelle Creations, Badgers Copse, Hampers Lane, Storrington, West Sussex RH20 3HU.
Tel: 0903 743147

Subject: Designing and adorning marvellous mohair. Easy appliques and garment decorations for all knitwear, fashionwear and even home decor. Club visits, workshops, day courses and mail order available.

Travel: Any distance considered.

VALERIE MEECHAM

White Gates, Dowlish Wake, Ilminster, Somerset TA19 0NZ.
Tel: 04605 4670

Subject: Single and double bed work on Japanese and Swiss machines; 14 subjects; New techniques; Talks and Demonstrations.

Travel: 90-mile radius of Ilminster.

ANNE REID

Undy Yarns, 4 Bridewell Gardens, Undy, Gwent NP6 3JZ.
Tel: 0633 881028

Subject: Demonstration and talk on DesignaKnit. All your queries answered. We can also bring Bonnie's Yarn Warehouse to your club with club discounts.

Travel: South and South/West Wales. Further by arrangement.

RIVERSIDE SPINNING COMPANY

93 Grosvenor Road, Shipley, West Yorkshire BD1 4RB.
Tel: 0274 596875

Subject: Lively and interesting talk on all aspects of spinning, from the sheep to the cone, by former Ambergarn manufacturers.

Travel: All areas considered.

JENNY ROSE

12 Bereta Road, London SE9 3TZ.
Tel: 081-859 2745

Subject: Knitting with mohair; Punchcard design; Surface decoration; Yokes galore; Ribber workshop. Send SAE for further details.

Travel: No restriction.

ANN ROSS

Ann's Yarns, Unit 30, Fourth Avenue, Bluebridge Industrial Estate, Halstead, Essex CO9 2SY.
Tel: 0787 476540

Subject: Any subject on the Japanese machines. Yarns and books available.

Travel: 60-mile radius. Further by arrangement.

RITA RUBERY

18 Forest Close, Streetley, Sutton Coldfield, West Midlands B74 2JZ.
Tel: 021-353 9623

Subject: Talk called 'Made to Measure' Knitwear with 28 garments, illustrations, books and patterns.

Travel: Any distance considered.

PAM TURBETT

17 Forest Rise, Liss Forest, Liss, Hampshire GU33 7AU.
Tel: 0730 893654

Subject: Cut and sew, i.e. dressmaking with fabrics made on your machines.

Travel: No restriction.

ANNE WARWICK

The Knitting Studio, 27a Regent Street, Hinckley, Leicestershire LE10 0AZ.
Tel: 0455 636409 after 6pm

Subject: Knitting with Oiled Yarns. Cashmere, Lambswool/Angora, Shetland, etc. Successful knitting in luxury oiled yarns. Talk and demonstration with samples, swatches and garments covering yarn counts, tensions, scouring, finishing and care for your garments.

Travel: 50-mile radius, further by arrangement.

TRISHA WHITFIELD

5 Brentwood Avenue, Cadishead, Manchester M30 5JS.
Tel: 061- 775 5257

Subject: Pressing knitwear; Appliqués; Fabric paints and how to get the most out of them; Designer techniques and how to make the most of your knitting.

Travel: Distances covered normally within 100-mile radius of Manchester, but special arrangements can be made for longer distances.

C lubs, classes and courses

CHORLEY MACHINE KNITTING CLUB

Adrienne Turner of 1 Smith Street, Chorley, Lancashire PR7 3EJ, is the new secretary of the Chorley Machine Knitting Club.

NATTY KNITTERS OF IRELAND

A brand new club, the Natty Knitters Craft Club, has been formed with eleven members whose interests, though mainly machine knitting, also include spinning, patchwork and dress-making.

Fortnightly meetings are held from 8pm at Ballysteen Hall, Askeaton, County Limerick and new members to expand the numbers will be very welcome.

For further details please contact the secretary, Joan Sheehy on 061 392508.

SUITS IN ANGUS

Ishbel Sherriff will be holding a course on creating and knitting a made to measure skirt and jacket in mix and match styles. The course which is suitable for knitters of all ability levels who use a Japanese machine, will be held in Angus, Scotland, on four consecutive Sundays beginning 6th March 1994.

Further details can be obtained by sending a stamped addressed envelope to Ishbel Sherriff, Knitting Matters, 18 North Loch Road, Forfar, Tayside.

CLUB LEADERS

Drop us a line at the address below with news about your knitting club or any classes and courses you run. We'll be pleased to include details in the magazine.

MMK CLUB DIRECTORY

To: The Editor, Modern Machine Knitting,
17 Grove Park, Waltham Road,
White Waltham, Maidenhead SL6 3LW

Please enter our Club in the Modern Knitting Club Directory ☐

TICK

Please change our Club's entry to the following ☐

Name of club

Organiser's name

Organiser's telephone number

Organiser's postal address

Town

County Postcode

Full address of club meetings

Town

County Postcode

Monthly date(s) of meetings

Time of meetings

Please include only one entry on this form and print the details on plain paper if you prefer not to cut your magazine.

Touch of silk

This classic sweater, knitted on a 9mm chunky gauge machine, is an exclusive design from the 'Silver Reed International Collection'.

BACK

 Push 86 [94, 102] Ns at centre to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000 *. Using MC, K 60 rows. Place marker at each end. K 53 rows. RC shows 113. Using a length of

MC, cast off centre 22 sts. Push 32 [36, 40] Ns at right to HP. Using WY, K a few rows and release from machine. Push 32 [36, 40] Ns at left from HP to UWP. Using WY, K a few rows and release from machine.

Shape Neck

Cast off 2 sts at beg of next and foll alt row, K 1 row. Dec 1 st at beg of next and every foll alt row until 34 [38, 42] sts rem, then on every foll 4th row until 32 [36, 40] sts rem. K 5 rows. Using WY, K a few rows and release from machine. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings by reading left for right.

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for Silver Reed 9 mm chunky machines with a ribber.
 If you don't have a ribber, work ribs in mock rib, or knit by hand or use latch tool method.

MATERIALS

Extra Thick Yarn.
 Original yarns used are not available, but we suggest a suitable alternative could be:
 Forsell Touch of Silk. DK. (2 ends knitted together.) (Yarn Guide No. 19.)
 2 [3, 3] x 400g cones in DK Granite (MC).
 A small amount in DK Graphite (C).
 4 buttons.

GARMENT WEIGHT

Finished garment in first size weighs 690g.

*The fibre content of this yarn is 90% Wool, 10% Silk. For further information about this yarn, please write to the following address:-
 T. Forsell & Son Ltd., Blaby Road, South Wigston, Leicester LE8 2SG.*

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust 82-87 [92-97, 102-107] cm, 32-34 [36-38, 40-42] in.

Actual size 112 [122, 133] cm, 44 [48, 52½] in.

Length to shoulder 57 cm, 22½ in.

Sleeve seam 46 cm, 18 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

15 stitches and 22 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 9).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used purl side of knitting as right side of garment.
 Use two ends of yarn together throughout.

FRONT

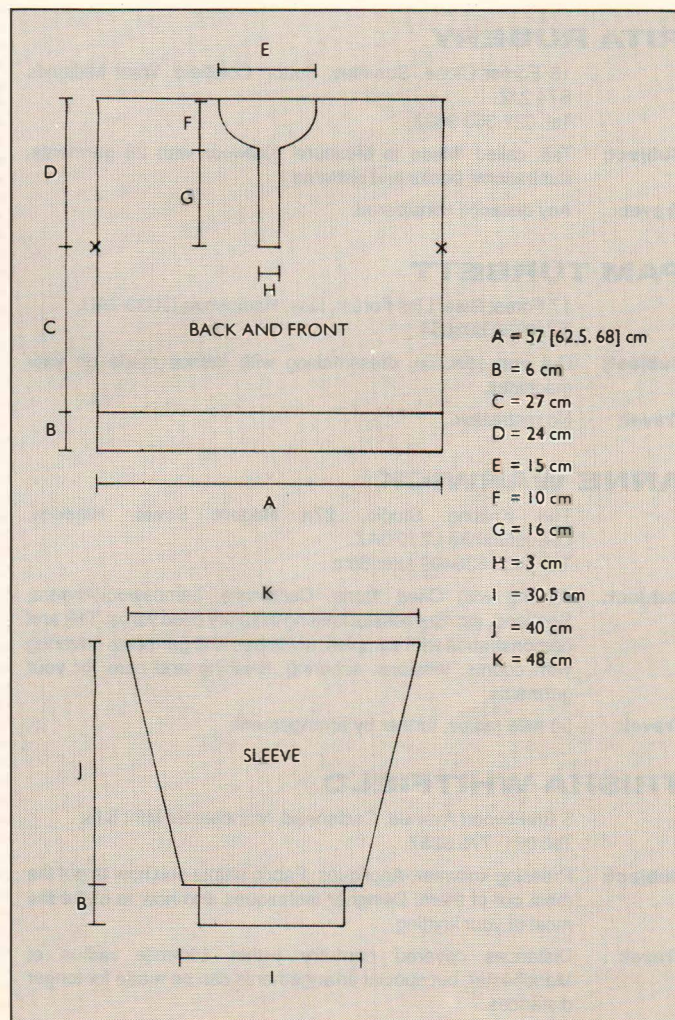
Work as for back to *. Cont in patt over Ns 14 to 21 inclusive at right of centre 0. Using MC, K 56 rows.

Front Opening

Using a length of MC, cast off centre 4 sts. Push 41 [45, 49] Ns at left to HP and cont on rem sts for first side. K 4 rows. Place marker at right edge. K 31 rows.

SLEEVES

Using MC, cast on 72 sts by hand. Set RC at 000. Using MT, shape sides by dec 1 st at each end of every 6th row until 54 sts rem,





Touch of silk

◀ 16

PATTERN

Legend:

- = Drop st and reform
- = Place a marker at each side of 8 patt sts on this row. Bind this row twice with MC, after removing from machine.

then on every foll 7th row until 46 sts rem. K 6 rows. RC shows 88. Using WY, K a few rows and release from machine.

COLLAR

With carriage at right and using MT/MT and C, cast on 87 sts in 1x1 rib. K 3 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. K 1 row. Using MC, K 2 rows. Using C, K 2 rows. Using MT-1/MT-1, K 2 rows. Using MC, K 3 rows. Using MT-2/MT-2, K 4 rows. Using MT-3/MT-3, K 3 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

WELTS

With carriage at right and using MC, cast on 74 [82, 90] sts in 1x1 rib. K 3 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 15 rows. Transfer sts for st st. With K side facing, replace sts from lower edge on to Ns, gathering evenly. Using MT+1, K 1 row. Cast off.

TO JOIN RIGHT SHOULDER

Push 32 [36, 40] Ns to WP. With P side of right back shoulder facing, replace sts on to Ns. With K side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT+1 and MC, K 1 row. Cast off.

CUFFS

With carriage at right and using C, cast on 30 sts in 1x1 rib. K 3 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 1 row. Using MC, K 2 rows. Using C, K 6 rows. Using MC, K 6 rows. Transfer sts for st st. With K side facing, replace sts from lower edge of sleeve on to Ns, gathering evenly. Using MT+1, K 1 row. Cast off.

TO JOIN LEFT SHOULDER

Work as for right shoulder reading left for right.

BUTTONHOLE BAND

With carriage at right and using C, cast on 27 sts in 1x1 rib. K 3 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 1 row. Using MC, K 3 rows. Counting from left edge, make 2 st eyelet buttonholes over Ns 3, 4, 9, 10, 15, 16, 21 and 22. K 3 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

MAKING UP

Set in sleeves between markers. Join side and sleeve seams. Pin front bands into position. Unravelling WY as required, backstitch through open loops of last row worked in MC. Lap right over left and catch down ends. Pin collar into position. Unravelling WY as required, backstitch through open loops of last row worked in MC. Sew on buttons.

BUTTON BAND

Work as for buttonhole band omitting buttonholes.

designer yarns

BUY THE LUXURY YARNS

FAMOUS KNITWEAR DESIGNERS USE

DIRECT FROM THE MILL IN 1994

ENQUIRIES FROM
Knitwear Designers, Knitting Clubs
Machine Knitting Retailers, Home Machine Knitters,
ALWAYS WELCOMED



MERINO/LAMB'S WOOL:- 2 Ply & 4 Ply NOW IN 47 SHADES
MACHINE WASHABLE:- 4 Ply IN 12 SHADES
TUSSAH EFFECT COTTON:- 4 Ply IN 25 SHADES

ALL YARNS ON 500G (½ KILO) CONES
MIN. ORDER 1 KG ALL YARNS EX-STOCK

MAIL ORDER, RETAIL
AND EXPORT ENQUIRIES
ALL WELCOMED. AGENT
IN N. AMERICA.

FOR SHADE CARDS SEND
LARGE SAE + £1
(Refundable) To:-

Designer Yarns
P. O. Box 18
Longcroft Keighley
West Yorkshire
BD21 5AU
Tel: 0535 680305
Fax: 0535 600531



Six silver sweaters

It is with great pleasure that we present the first of six garments from a special collection designed for our readers by Maggie Dyke, who is Promotion Consultant for Silver Seiko Limited.

Each garment is knitted on the SK840 electronic machine, using the same mylar sheet design, which means you mark it out once and then re-use it for each design to create a new look.

The style of each garment is different so punchcard knitters can select their own choice of Fair Isle pattern to knit the designs. We hope that you will enjoy making this lovely collection.

DOODLE AND DESIGN ... SAYS MAGGIE!

I don't know about you, but I've always been a great one for getting my money's worth out of things. I had been doodling about off and on for a couple of days, working on a new electronic

design card. Having finished it, I thought 'I bet I could turn that into six different woollies'. The next stage was wondering if I really could and obviously there was only one way to find out...

I sat down at my machine and started knitting. Almost before I paused to draw breath, I'd made sixteen variations of the original card and my head was buzzing with ideas for loads more!

The wonderful thing about the Silver Electronic System is that you can produce an almost limitless range of fabrics from one basic card. Everything about the system is so visual you can press buttons, move cams, alter the pattern's width indicators and so on and you can see immediately exactly what's going to happen to the pattern. Look at the six designs to see just what you can do with one card and I'm sure that you will have loads more ideas too.

SAMPLING VARIATIONS

I've had a wonderful time sampling different variations. The pattern was designed with a strong diagonal line in it, which lent itself to both mirror and chevron repeats. Having both left and right hand pattern indicators on the ECI means that you can choose to repeat a group of stitches from anywhere across the width of the card.

Altering the markings in the instruction columns allows you to repeat selected rows at will. Pressing the change of direction button means you can also make vertical mirror repeats as well as horizontal.

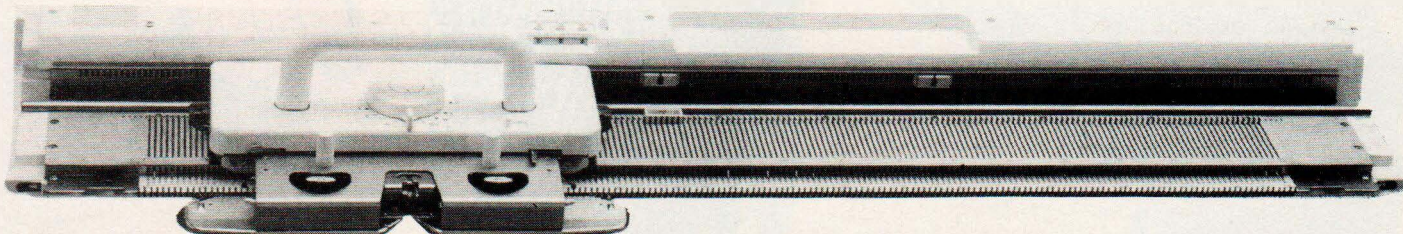
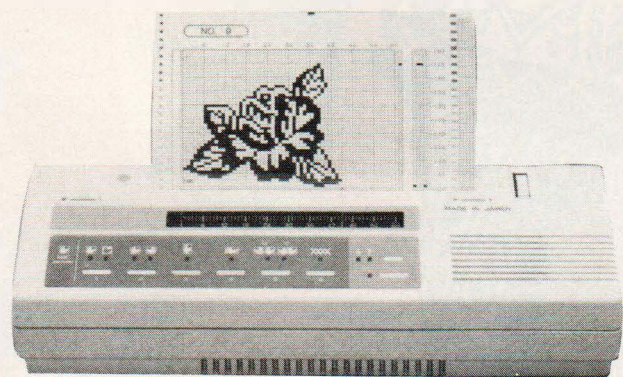
The only problem is knowing when to stop and wondering if perhaps you could spend the rest of your life using the same pattern card – without ever getting bored!

ABOUT THE GARMENTS

All the garment shapes used are quite simple because the stitch pattern has so much detail. They are all interchangeable, so mix and match to put together your own choice of garment shape and pattern variation.

All the garments were knitted on the Silver Reed SK840 standard gauge electronic machine. Ring the changes and try them out on the fine, double knit and chunky gauge needle beds. All the garment shapes are drawn out as KR 11 Knit Contour blocks, so changing gauges of needle bed only require a new tension square or two and away you go!

Even if you don't want to knit all the garments straight away, why not draw out the pattern card yourself and see how many variations you can come up with? Happy knitting!



SILVER REED

Create fine Intricate Knitwear for You, Your Family and Friends



ABOUT THE GARMENTS

all the garment shapes used are simple because the style is so much easier. They are all interchangeable, so they can be put together to create different garment shapes and combinations. The garments were designed to be worn with a variety of accessories, including a beret, a belt, and a watch. The garments are made of a soft, comfortable fabric that is easy to care for. The garments are designed to be worn in a variety of ways, including as a top, a skirt, or a dress. The garments are designed to be worn in a variety of ways, including as a top, a skirt, or a dress.

DOODLE AND DESIGN ... SAYS HARRIS

I don't know about you, but I've always been a great one for doodling. I've been doodling about things I've been thinking about, and it's been a great way to get my mind off things. I've been doodling about things I've been thinking about, and it's been a great way to get my mind off things.

Fair Isle sweater and skirt

The first sweater designed by Maggie Dyke is accompanied by a skirt knitted in Double Jacquard. The skirt will mix and match with any of the sweaters.

SWEATER

BACK AND FRONT ALIKE

With carriage at left and using MT-6/MT-6 and MC, cast on

156 [164, 172, 178] sts at centre in 1x1 rib. Insert card and set to first row. K 3 circular rows. Carriage is at left. Set carriage for 1x1 rib knitting. Using MT-4/MT-4, K 3 rows. Transfer sts for st st. Set RC at 000. Using MT, K

1 row. Release card and cont in Fair Isle with C in feeder 1 and MC in feeder 2, K 167 rows. RC shows 168.

Shape Armholes

Cast off 12 [15, 18, 21] sts at beg of next 2 rows. 132 [134, 136,

136] sts. K 56 [60, 64, 68] rows.

Shape Neck

Note patt row on card. Push 72 [73, 74, 74] Ns at left to HP and cont on rem sts for first side. K 2 rows. Push 4 Ns at neck edge to HP on next and foll 5 alt rows, K

PATTERN RATING

*** For fairly experienced knitters.

MACHINES

Sweater

This pattern is suitable for Silver Reed SK840 standard gauge electronic machines with EC1 and SRJ70 ribber (or SRP60N ribber).

Skirt

This pattern is suitable for Silver Reed SK840 standard gauge electronic machines with EC1 and SRJ70 ribber (or SRP60N ribber with RJ1 rib carriage) and YC6 colour changer.

MATERIALS

Bramwell Fine 4-ply. (Yarn Guide No. 11.)

Sweater

1 x 500g cone in Black (MC).

1 x 500g cone in Warm White (C).

Skirt

1 x 500g cone in Black (MC).

1 x 500g cone in Warm White (C).

Elastic to fit waist.

GARMENT WEIGHT

Finished garments in first size weigh: sweater 380g, skirt 335g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- F. W. Bramwell & Co., Unit 5, Metcalf Drive, Altham Lane, Altham, Accrington BB5 5TU.

PATTERN INFORMATION

For a list of the abbreviations we use and our Yarn Guide, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

Sweater

To fit bust 87 [92, 97, 102] cm, 34 [36, 38, 40] in.

Actual size 102 [108, 113, 117] cm, 40 1/2 [42 1/2, 44 1/2, 46] in.

Length to shoulder 66 [67, 68, 69] cm, 26 [26 1/2, 27, 27 1/2] in.

Sleeve seam 41.5 cm, 16 1/2 in.

Skirt

To fit hips 92 [97, 102, 107] cm, 36 [38, 40, 42] in.

Actual size 95 [101, 107, 112] cm, 37 1/2 [40, 42, 44] in.

Length 55.5 cm, 22 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

30 stitches and 39 rows to 10 cm, 4 in measured over Fair Isle (tension dial approximately 6).

28 stitches on each bed and 75 rows to 10 cm, 4 in measured over double jacquard (tension dial approximately 6/6, yarn brake on 1).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment. Before knitting, prepare electronic sheet from the chart provided.

Knit two colour Fair Isle rows with first colour given in back feeder 1/A to knit background and second colour given in front feeder 2/B to knit contrast pattern.

We used a Silver Reed card for this pattern and reproduce it courtesy of Silver Reed. For further information about Silver Reed cards and machines, please write to Silver Knitting Machines Ltd., Unit 1, 10 Wandle Way, Willow Lane Trading Estate, Mitcham, Surrey CR4 4TE.

When shaping in HP, always take yarn round first inside N in HP to prevent a hole forming.

Fair Isle Pattern

Set pattern width indicators at 0 and 60. Place needle 1 cam at 60 left and point cams width of knitting. Press buttons 1 (left), 2 (left) and 5 (right). Mark card to knit rows 1 to 135, then rows 115 to 135 as shown (omit markers for skirt rows 65 and 71).

Double Jacquard Pattern

Set pattern width indicators at 51 and 60. Place needle 1 cam at 9 left and point cams width of knitting. Press buttons 1 (right), 2 (left), 5 (right) and 6. Mark card to knit rows 65 to 71 only (mark after knitting sweater.)

Fair Isle sweater and skirt

◀ 21

1 row. Push 2 Ns at neck edge to HP on next and foll 2 alt rows, K 1 row. Push rem 30 [31, 32, 32] Ns to HP. Set card on number previously noted. With carriage at left and using a transfer tool, push 60 [61, 62, 62] Ns at left to WP. Release card and cont in Fair Isle. Finish to correspond with first side, reversing shapings. Push all Ns from HP to UWP. Cont in st st and MC, K 1 row. Transfer sts for 1x1 rib. Using MT-4/MT-4, K 11 rows. Using MT-2/MT+2, K 1 row. Using MT-4/MT-4, K 11 rows. Transfer sts to ribber. Using MT, K 1 row. Using WY, K a few rows and release from machine.

SLEEVES

With carriage at left and using MT-6/MT-6 and MC, cast on 66

[70, 72, 76] sts at centre in 1x1 rib. Insert card and set to first row. K 3 circular rows. Carriage is at left. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-5/MT-5, K 28 rows. Transfer sts for st st. Set RC at 000. Using MT, K 1 row. Release card and cont in Fair Isle with C in feeder 1 and MC in feeder 2. Shape sides by inc 1 st at each end of every 4th [4th, 4th, 3rd] row until there are 104 [118, 140, 82] sts, then on every foll 5th [5th, 5th, 4th] row until there are 130 [136, 142, 148] sts. K 1 row. RC shows 143. Place marker at each end. K 16 [20, 24, 28] rows.

Shape Top

Push 6 [7, 7, 7] Ns at opposite end to carriage to HP on next 16 [4, 10, 16] rows and 5 [6, 6, 6] Ns on foll 2 [24, 8, 2] rows. Break yarn. Push all Ns from HP to UWP. Cont in st st. Using MT+4 and C, K 1 row. Cast off with a latch tool.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MC. Join shoulder seams for approx 10 cm, 4 in. Set in sleeves, sewing rows above markers to cast off sts at armholes. Join side and sleeve seams.

SKIRT

With carriage at left, push 136 [144, 152, 160] Ns on each bed at

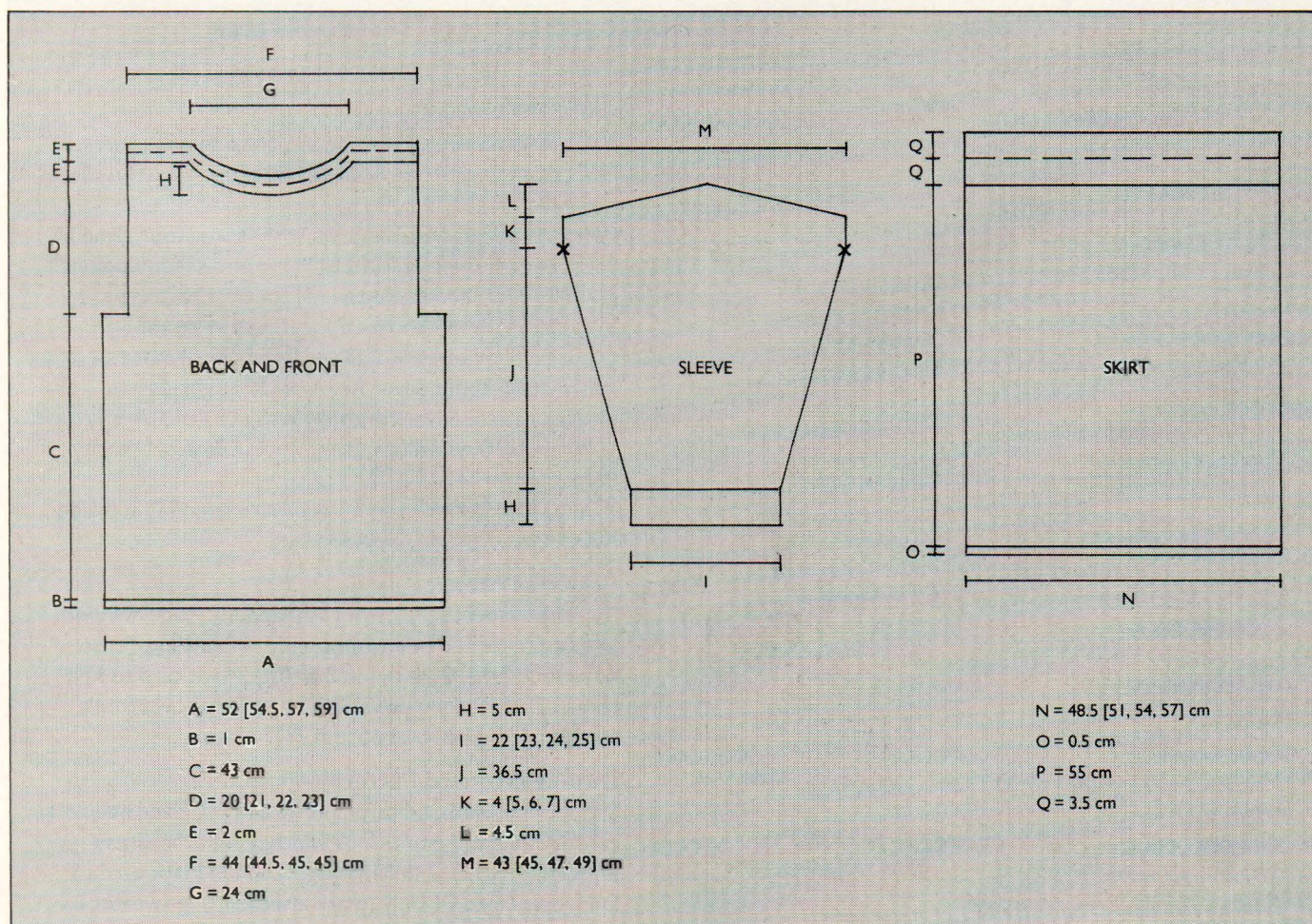
centre to WP for double rib. Insert card and set to 65th row. Using MC, cast on and K 3 circular rows. Carriage is at left. Set carriage for bird's-eye jacquard. Using MT/MT, K 2 rows. Set main bed carriage to C. Using C, K 1 row. (Main bed slips.) Set RC at 000. Release card and cont in double jacquard. K 413 rows (changing colours every 2 rows). Using MC, K 1 row.

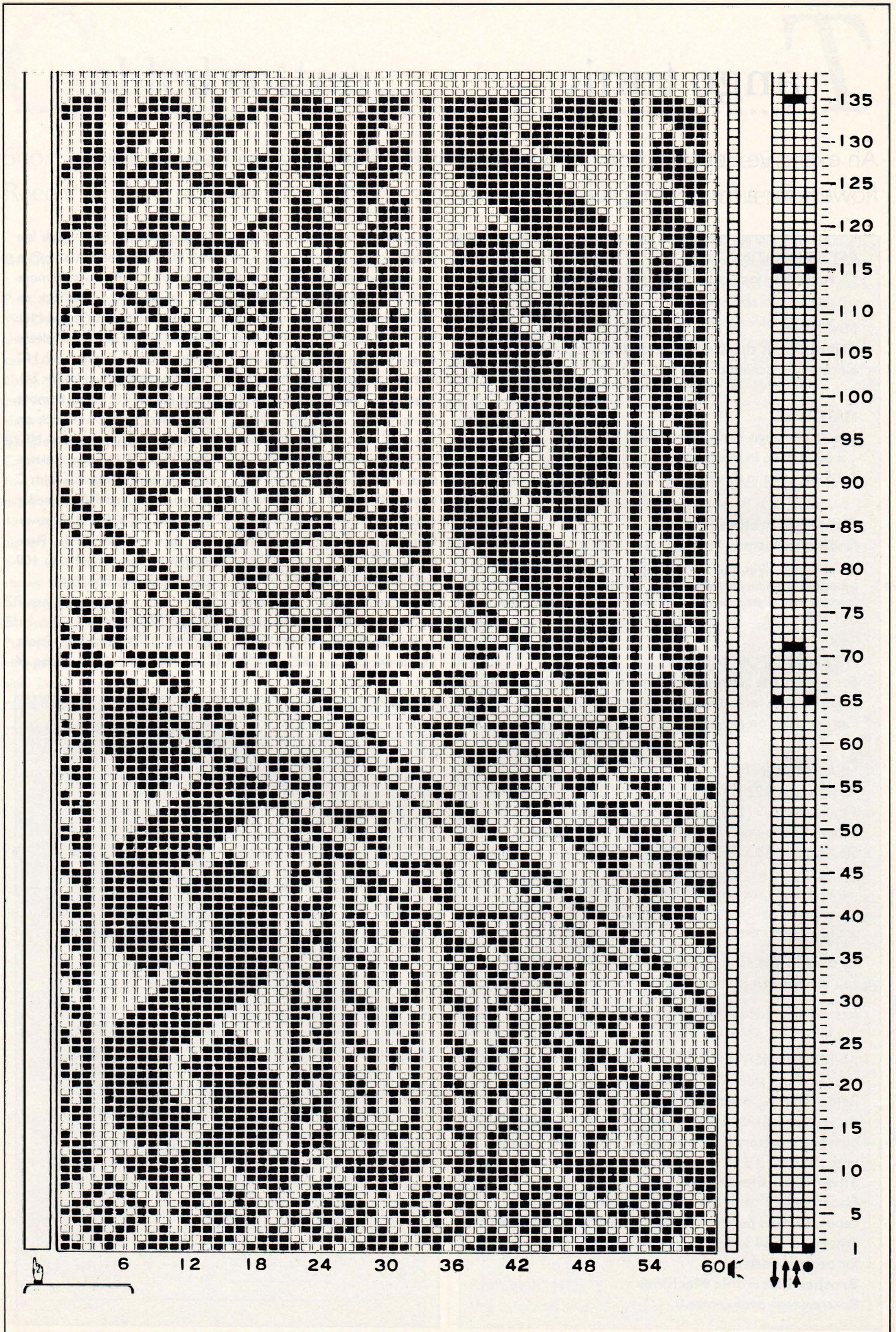
Waistband

Transfer sts for st st. K 14 rows. Using MT+2, K 1 row. Using MT, K 14 rows. Cast off loosely.

MAKING UP

Fold waistband in half and catch down on inside. Join side seams, leaving an opening in waistband for elastic. Insert elastic and join ends. Close opening.





Tango tunic

An exclusive Betty Barnden design knitted in Spectrum Tango features trailing flowers for a fresh spring feeling.

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines.

MATERIALS

Spectrum Tango 4-ply. (Yarn Guide No. 11.)

1 x 500g cone in Heath (MC).

1 x 500g cone in Cream (C).

GARMENT WEIGHT

Finished garment in first size weighs 490g.

The fibre content of this yarn is 80% Courtele, 20% Wool. For further information about this yarn, please write to the following address: Spectrum Yarns Limited, Spa Mills, New Street, Slaithwaite, Huddersfield HD7 5BB.

PATTERN INFORMATION

For a list of the abbreviations we use and our Yarn Guide, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust 87-92 [97-102] cm, 34-36 [38-40] in.

Actual size 105 [120] cm, 41 1/2 [47 1/2] in.

Length to shoulder 72 [74.5] cm, 28 1/2 [29 1/2] in.

Sleeve seam 43.5 [46] cm, 17 [18] in.

Instructions are written for the first size, larger size follows in brackets. If only one figure is given, it applies to both sizes.

TENSION

32 stitches and 40 rows to 10 cm, 4 in measured over Fair Isle pattern (tension dial approximately 8).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment. Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.

Silver Reed Electronic Machines

Place needle 1 cam between Ns 12 and 13 at left of centre 0. Press button 1 (left light on) and button 2 (left light on for 580 and SK840 machines, or right light on for other models).

Brother Electronic Machines

Place pattern over centre 0.

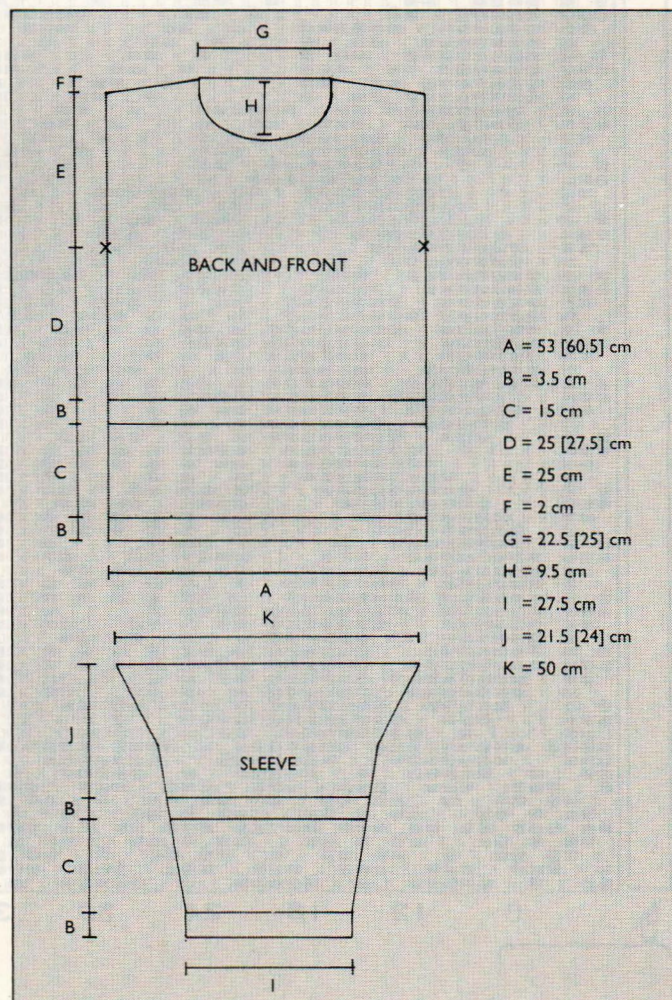
BACK

Push 170 [194] Ns at centre to WP. * Insert card 1 and lock on first row. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MT-2 and MC, K 16 rows. Using MT+2, K 1 row. Using MT-2, K 2 rows. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. Using MT-1, K 10 rows. Remove card. Insert card 2 and lock on first row. Cont in st st and MC. Using MT-2, K 2 rows. Make a hem by placing loops of first row worked in MC on to corresponding Ns. Unravel WY when work is completed. Using MT, K 1 row. RC shows 32. Set RC at 000.

Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B *. K 60 rows. Remove card. Insert card 1 and lock on first row. Cont in st st and MC. Using MT-1, K 2 rows. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. Using MT, K 10 rows. Remove card. Insert card 2 and lock on first row. Cont in st st and MC. Using MT-1, K 2 rows. Release card and cont in Fair Isle with C in feeder 1/A and MC in feeder 2/B. Using MT, K 100 [110] rows. RC shows 174 [184]. Place marker at each end **. K 100 rows. RC shows 274 [284].

Shape Shoulders

Cast off 12 [14] sts at beg of next 6 rows and 13 [15] sts at beg of





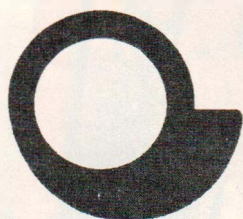
C

ompetition

**WIN A GENUINE
HORN CABINET
WORTH £199
IN OUR EASY TO ENTER
COMPETITION**



Horn
Collection

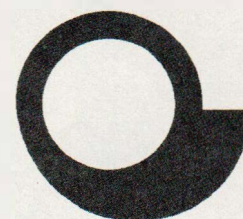


Every machine knitter needs a cabinet to keep their machine clean, tidy and safe from enquiring fingers. The Horn Model K4 is designed to accommodate a knitting machine complete with its ribber and the new optional drawer on wheels gives even more storage. The cabinet is designed for most Japanese knitting machines and the superb easy glide platform, which requires no tilting or lifting, enables you to slide your machine away, with the unfinished knitting still in place. The platform has an easy-tilt action allowing the main bed to be positioned flat for single bed knitting – especially useful for lace knitting – and an ergonomic sitting position. There is a spacious area inside the cabinet for storing yarn cones and knitting accessories. Very important these days – the cabinet is made using environmentally friendly material!

The quality is high and Horn guarantee your satisfaction. When the machine is not in use, the Horn K4 converts into an attractive piece of furniture and the optional drawer tucks neatly beneath the storage area. Both are finished in a rich walnut colour.

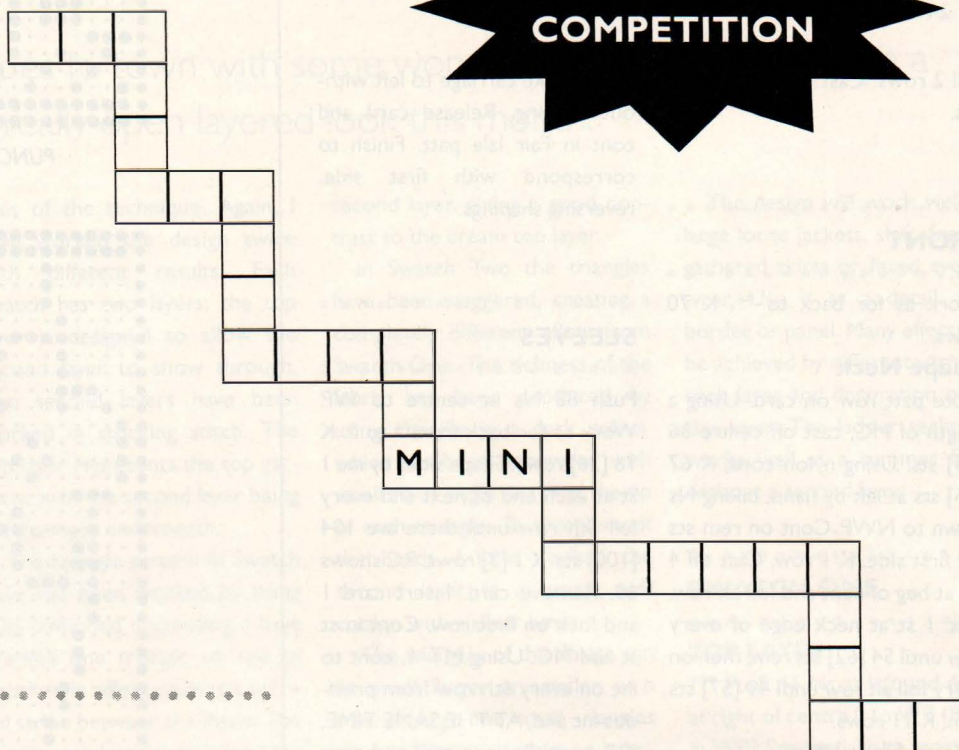
If you are not lucky enough to win, but would like details of the Horn product range for machine knitters, you can contact Horn Furniture (UK) Ltd., at Unit 2, Brookwood Industrial Estate, Brookwood Avenue, Eastleigh, Hampshire SO5 4EY or telephone 0703 642308.

Horn
Collection



APRIL COMPETITION

Horn Collection



CLUES

1. Lubricate
2. Tavern
3. Finish
4. Flower/girl
5. Pantomime character
6. Lounge
7. Court
8. Scandinavian capital
9. Required
10. Sweet potato

HOW TO ENTER

Solve each clue and fit the answers into the grid wherever you can. When you have all the answers, you will see that the first and the last letters in each word will combine to describe what machine knitters are in one sense – but not in another!!

Put the word you have found on a postcard or on the back of an envelope, add your name and address, and send it to *Modern Machine Knitting*, 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW to arrive before the 30th April 1994.

RULES

1. You should print your answers clearly on a postcard or on the back of an envelope together with your name and address and send it to: April Competition, *Modern Machine Knitting*, 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW.
2. The competition is open to residents in the UK only, except employees of *Modern Machine Knitting Ltd.*, the magazine's typesetter, printer, distributor, employees of this month's sponsor and their relatives.
3. Your entry must reach us by 30th April 1994 and we accept no responsibility for entries lost or delayed in the post.
4. No cash alternative will be offered.
5. The winner will be the first correct entry drawn from our postbag after the closing date.
6. The winner will be notified in writing and the competition result will be published in a future issue of *Modern Machine Knitting*.
7. The Editor's decision is final and no correspondence will be entered into regarding the competition.

N

ovember competition result

Mrs N. E. Cecil of Hornchurch will certainly be able to 'Pull The Wool Over Their Eyes' with the wonderful prize of a Silver Reed SK 840, standard gauge electronic machine and

ECI Pattern Controller.

Congratulations, Mrs Cecil, yours was the first correct entry pulled out of our competition box by knitters attending one of our first in-house workshops, the

Double Jacquard Day last December.

Why not make the most of your new machine and find out just how easy it is to operate by marking out a mylar sheet and

knitting the first of Six Silver Sweaters in this issue, by Maggie Dyke, or simply try out all those lovely variation buttons to knit lots of samples. Once again, many congratulations from us all.

Tango tunic

◀ 24

fol 2 rows. Cast off rem 72 [80] sts.

FRONT

Work as for back to *. K 70 rows.

Shape Neck

Note patt row on card. Using a length of MC, cast off centre 36 [44] sts. Using nylon cord, K 67 [75] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Cast off 4 sts at beg of next and foll alt row. Dec 1 st at neck edge of every row until 54 [62] sts rem, then on every foll alt row until 49 [57] sts rem. K 11 rows.

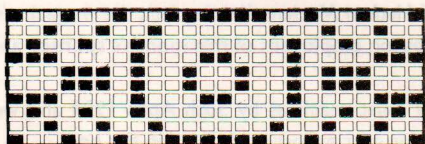
Shape Shoulder

Cast off 12 [14] sts at beg of next and foll 2 alt rows, K 1 row. Cast off rem 13 [15] sts. With carriage at right, unravel nylon cord over rem Ns, bringing Ns back to WP. Lock card on number previously

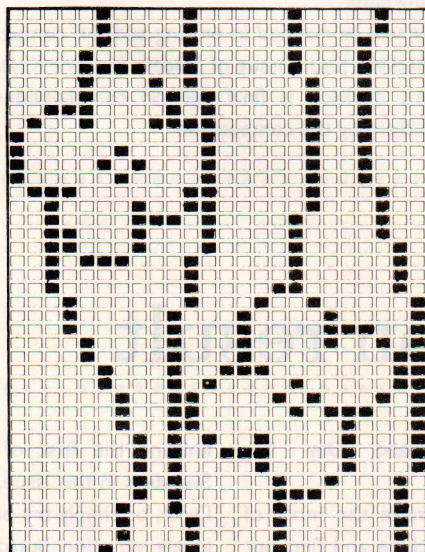
noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings.

SLEEVES

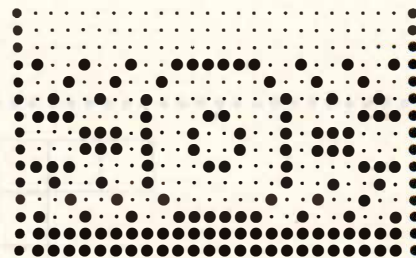
Push 88 Ns at centre to WP. Work as for back from * to *. K 16 [26] rows. Shape sides by inc 1 st at each end of next and every foll 6th row until there are 104 [100] sts. K 1 [3] rows. RC shows 60. Remove card. Insert card 1 and lock on first row. Cont in st st and MC. Using MT-I, cont to inc on every 6th row from previous inc and, AT THE SAME TIME, K 2 rows. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. Using MT, K 10 rows. Remove card. Insert card 2 and lock on first row. Cont in st st and MC. Using MT-I, K 2 rows. Release card



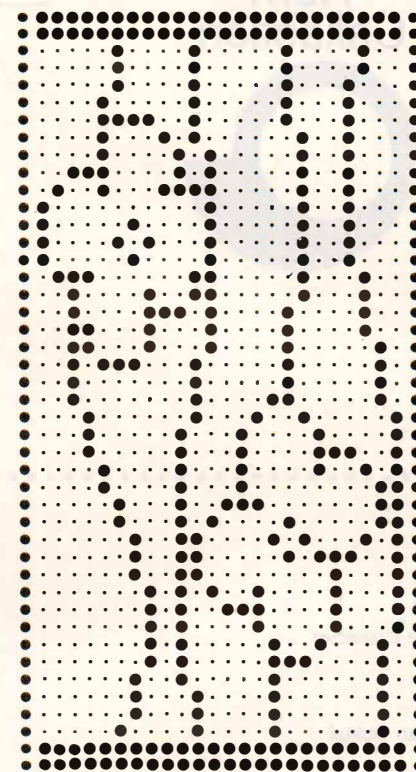
ELECTRONIC CHART 1



ELECTRONIC CHART 2



PUNCHCARD CHART 1



PUNCHCARD CHART 2

and cont in Fair Isle with C in feeder 1/A and MC in feeder 2/B. Using MT, cont to inc on every 6th row from previous inc until there are 124 sts, K 5 rows. RC shows 124 [134]. Inc 1 st at each end of next and every foll alt row until there are 160 sts. K 1 row. RC shows 160 [170]. Cast off.

row. Using MT-I, K 76 rows. RC shows 151. Make a hem by placing loops of first row worked in C on to corresponding Ns. Unravel WY when work is completed. Using MT, K 1 row. Cast off loosely.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

Join shoulder seams. Set in sleeves between markers. Join side and sleeve seams. Join collar seam. Sew collar into position with seam at centre back, so that when the collar is folded outwards, Fair Isle band is outside.

COLLAR

Push 170 [180] Ns at centre to WP. Insert card 1 and lock on first row. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MT-I and C, K 60 rows. Using MC, K 2 rows. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. Using MT, K 10 rows. Cont in st st and MC. Using MT-I, K 2 rows. Using MT-2 and C, K 1

Letters, hints & tips

Every month our laden postbag proves to us just how generous you all are when it comes to sharing the secrets of successful machine knitting, this month is no exception ... here goes.

TO PUT YOUR MIND AT REST

We all enjoyed reading this letter because it conjured up all kinds of pictures in our minds of the inner workings of the GPO!

Mrs B. Howken from Plymstock, Plymouth wrote to us.

'I really had to smile when I read your letter (*Modern Machine Knitting*, November) about a reader worrying about the postmen seeing competition results on postcards and copying them for themselves. I have just retired from the Royal Mail sorting office and can assure your readers that with the amount of mail handled by us, including the hundreds of different newspaper, magazine, radio and such like, competitions on postcards and the backs of envelopes, it would be impossible to copy any at the speed one has to work to get the mail out on time. I do enjoy *Modern Machine Knitting*, I have every copy to date and still hope to treat myself each month, now that I am on a pension.'

Thank you, Mrs Hawken, for your lovely letter. We really should see things from the other point of view before we come to any conclusions, shouldn't we. I can just imagine all the post workers trying to check out competition answers and still sort the post at the speed you described ... not an easy task and thanks once again for putting us straight.

A TRUE CONVERT!

We all enjoyed and identified with this letter from our reader Mrs Joyce Graham from Burnley, Lancs.

● LETTER OF THE MONTH ●

SAVE THE CHILDREN TIP

G. K. Parnell from Woodthorpe, Nottingham wrote to us about our knitting for Save the Children.

'Could I suggest to readers that instead of knitting six inch squares for 'Save the Children', a length of six inch sections of different colours saves a great deal of valuable time when it comes to making up. Any multiple of six inch pieces will do. Using four strands of industrial yarn on a standard gauge machine, I can knit two strips of six inch squares and so this only needs one join. As one colour runs out I just substitute another and the effect is both pleasing and practical. I hope that this tip will speed up production.'

Thank you for that tip which is actually two tips, knitting in one long length and knitting two widths together. There is no comparison to a dedicated machine knitter when it comes to speeding up production, especially where sewing up is concerned. I recently visited a knitting club where they were raffling a beautiful clown for a local cause and the lady who had made it said that the knitting was the easiest part, the cost in both time and money was the stuffing and the finishing and this is so often the case. If any of you have any special tips on speeding up finishing of garments, please drop us a line and perhaps we will have sufficient to make a whole Hints and Tips page just on finishing. Your letter has been chosen as Star Letter of the month and wins you a cheque for £5 and a year's subscription to Modern Machine Knitting.

'After seeing advertisements about knitting machines, I decided it looked so interesting that I would find out more about it. Seeing an expert quickly achieving 'works of art' I was totally impressed by the magic of it all and was hooked. In no time at all I had purchased a secondhand machine and successfully made scarves, bob caps and baby blankets. Reading my copy of *Modern Machine Knitting* and visiting Machine Knitting exhibitions

became a way of life. I struggled with Fair Isle, swore at intarsia and neglected everything else. Finally sense did prevail after we had spent an evening in the company of friends. I was so busy discussing my latest knitting plans that I had not heard my friend's husband ask me what I would like to drink, for about the third time. Finally in exasperation he shouted 'Right, I'll get you a ball of wool'.

I thought that this might be of

interest to your readers ... machine knitting really is magic!

Thank you Joyce, we agree on all points and most of us have asked for four-ply in our petrol tanks and given instructions for the oven to be put on at tension 7! ... any others?

MARKING A PATTERN

Patterns in multi-sizes are useful because it is a treat to find that the jacket or the sweater you want to knit is in your size with no mathematics to do before you can start to knit. It is also especially attractive when a large range of sizes allows you to knit a mother and daughter pair or father and son sizes but these many-sized patterns do have their problems when it comes to reading the pattern and keeping to your own size. Mrs Adela Cox from Doddington Park, Lincoln has a useful tip for us.

'I am always pleased when I buy your magazine as it is so helpful. One thing that always surprises me is the suggestion to mark patterns in pencil if they are multi-size patterns. I have found it more useful to mark each size in one colour, for example, blue for size 36 inch. That way you can instantly read your next instructions. Keep up the good work.'

Thank you Adela, we will try to keep up the good work and many thanks for that useful tip. I should think that if you kept to the same colour scheme on all occasions you would make things even easier, as you say, such as using blue for the 36 inch size. Also, it saves rubbing out the pencil marks if you want to knit another size.

You can share your ideas and thoughts, hints and tips with fellow readers each month. We pay £5 for every letter we publish, plus a year's subscription to Modern Machine Knitting for our 'Letter of the Month'.

Finishing touch

KRII ELECTRONIC KNIT CONTOUR CONCLUSION

Ensuring accurate matching in raglan patterns, knitting double jacquard and electronic intarsia are the subjects covered by Angela Gordon in this final episode about using the KRII.

FULLY FASHIONED RAGLANS

Just following the decreasing according to the KRII is fine for ordinary raglans, where the seam is not a feature. Following the KRII gives exact shaping, which usually means that occasionally we will knit an extra row before the next decrease; this extra row may not always be worked on the same decrease on different garment pieces.

However, when knitting fully fashioned decreases which create a decorative, cable effect, it is vital that these decreases happen on the same rows of both front/back and sleeves. Therefore, we must work out the shaping before we start knitting.

On the raglan shaping, draw a straight vertical line from the top of the neck edge (point A) to the level of the underarm shaping (point B). (See diagram.)

Read from the stitch scale how many stitches should be decreased after the initial cast off to the width of the neck edge at point B.

Use the plus key to find out how many rows after the initial

cast off will be knitted to the top of the shaping. Start with the paper pattern lined up on the initial cast off line and then press the plus key twice (two rows for the initial cast off). Now press the zero key to return your row number to 0 and then press the plus key to reach the top of the shaping. Note how many rows will be knitted.

My pattern has 58 decreases to be worked in 122 rows.

Divide the number of rows by the number of decreases. In my example 122/58 gives me two with six rows left over. So if I decrease every two rows I will use up 118 rows and still have six rows to knit to reach the full length of the shaping.

We cannot just knit these rows at the beginning/end of the shaping, or we will have a straight section that will look ugly.

What we can do is incorporate them into the first decreases – first rather than last, because the first decreases are not so noticeable, since they tend to be hidden within the armpit. So, we can either decrease every four rows for the first three decreases, or every third row for the first six decreases. Either way we will use

up the extra six rows and have neatly positioned fully fashioned shaping.

JACQUARD WITH THE KRII

The KRII can be set to feed the pattern on automatically after every one (normal knitting), two, three, four or five carriage passes. This means that we can use any of our garment shapes to knit jacquard, multi-coloured slip stitch and intarsia (with the electronic intarsia carriage), even if more than 120 carriage passes in ten centimetres are required, as is the case with multi-colour per row knitting.

For all normal single bed knitting the change lever would be set to 1, even when knitting two colour Fair Isle!

The tension is set according to the number of complete rows in ten centimetres and **not** the number of carriage passes. The KRII instruction manual tells us to count the number of rows along ten centimetres of a ruler.

However, I have an aversion to counting stitches and rows – it is too easy to make a mistake! The green gauge can still be used as normal if you use the following method of knitting a swatch. My instructions are for jacquard knitting but can be used for any multi-colour knitting with several colours per row.

Cast on 60 stitches in full needle rib (60 on both beds, which is 120 needles in total). Go straight into jacquard knitting with the correct yarns and knit ten complete rows of pattern. If you are knitting two colours per

row then knit 20 passes, for three colours per row knit 30 passes and so on.

Now knit two complete rows in a contrasting yarn. You only need one contrast yarn but continue knitting the jacquard pattern without changing colour. Multiply the number of rows by the number of colours per row to work out how many carriage passes are needed.

Instead of knitting 60 complete rows and measuring with the R side of the green gauge, I am only going to knit 40 and measure with the S side. This does work and saves one third of the total carriage passes required for 60 rows, honestly!

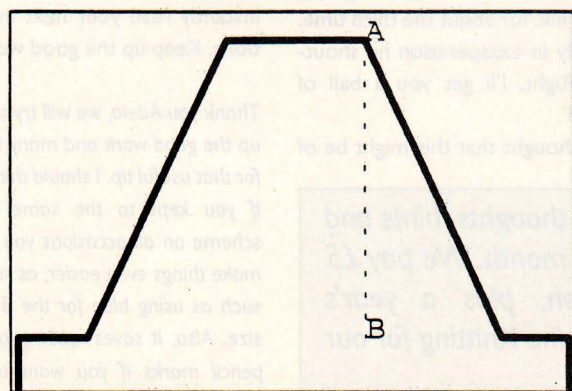
The number of carriage passes are shown in the following table which is based on 40 rows of knitting. If you wish to knit 60 rows then you must calculate it for yourself.

40 x 2 colours per row = 80 passes
40 x 3 colours per row = 120 passes
40 x 4 colours per row = 160 passes
40 x 5 colours per row = 200 passes

Please note that each carriage pass will register one row on your row counter. Therefore, if you were knitting in three colour jacquard you would knit until the row counter showed 120.

So, set the row counter to 0 and knit half the number of passes required for your tension swatch. Stop knitting and mark the twenty first stitch on each side of centre 0 on the main bed side. To do this, knit two short lengths of contrast yarn through

DIAGRAM – Raglan shaping



the stitches and then poke them between the beds, using the double ended bodkin or the latch tool.

Continue in pattern until you have completed the required number of carriage passes. Change to the contrast yarn again and knit two complete rows, followed by ten further complete rows in pattern.

Cut all the yarn ends short and then drop the work from the machine without casting off. Stretch it lengthways and leave to rest before measuring.

As you can see this is a lot of carriage pushing/pulling just for a tension swatch and it is perfectly adequate for measuring. So why knit a full 60 rows?

Measure between the marked stitches in the usual way. Then measure between the rows knitted in contrast yarn, still using the S side of the green gauge. The gauge does not know whether you are measuring stitches or rows, it is simply calibrated to give the number of 'whatever' in ten centimetres, based on a pre-set unit of 40. So the number shown in this instance is the number of rows in ten centimetres.

So you see, there, it is not so difficult once you get started.

UNRAVELLING IN MULTI-COLOURED KNITTING

The KR11 will only move on a row after the carriage has passed the row tripper the number of times set, according to the total number of colours in the row. However, when moving the pattern with the plus/minus keys, the pattern will move one row for every press.

Therefore, if you are unravelling part of your work, you **must** unravel complete rows and not just the one colour. In fact if you start unravelling after the second pass of a four pass per row sequence, you must unravel complete rows, stopping after the second pass of a row.

For example, imagine that, knitting four colours in a row, we pick up the wrong colour for pass two and knit the row before real-

ising. We must unravel the wrong colour, colour one of this row, colour four of the last row, colour three of the last row and stop with the correct colour of pass two of the last row knitted. Return the pattern one row and continue knitting.

When all this is taken into account, plus the fact that the mylar sheet or punch card must also be re-set, I think I would just start the piece again!

STEP LIGHTS

As far as I can tell the step lights are only used to keep track of the yarn colours in conjunction with the electronic intarsia carriage. Multi-colour jacquard and multi-colour slip are always worked in pairs of rows and therefore the lights would not be in the correct sequence.

IS THE KR11 USEFUL?

I certainly think that it is a tremendous improvement on the mechanical devices. It is very compact and easy to use. Batteries last for ages provided you remember to switch it off and use the pause key when going off for lunch!

The ease with which the pattern can be turned back row by row is particularly useful, causing no worries about how many clicks are needed for each row, depending on the setting!

Quarter scale is also a very convenient size to work in and one I like very much, since the whole of assymetric patterns can be fitted on to the sheet. I can also print out my garment shapes, created within DesignaKnit, to quarter scale and trace these directly on to the pattern sheets. DesignaKnit will also print the outline in half scale as for the KR6, but this takes up more paper!

Therefore, I would like the quarter stitch scales to include the standard gauge tensions, even if the graduations are closer together. If I had my own KR11 I would make a set of quarter scales for standard gauge tensions.



**NEW COLOURS
FOR SPRING
IN COOL
COTTONS**

ATOLL
DK
100% MERCERISED
COTTON FOR ALL
YOUR CHUNKY KNITS

JANEIRO
3-PLY
LINEN/VISCOSE/AC

BRITTANY
2-PLY
SOFT COTTON
(2 STRANDS-4-PLY)
52 SHADES

PERLE
3-PLY MERCERISED SOFT COTTON

CANNELÉ
4-PLY
100% MERCERISED
CORDED COTTON
THE CLASSIC YARN

PANAMA
4-PLY
EASY KNIT
50% COTTON/
50% ACRYLIC
* 18 NEW
'93 SHADES

LINCOT
3-PLY
52% LINEN/48% COTTON

All available extensively throughout the UK at your local stockist or write for our mail order catalogue price £2.95 or telephone with credit card to:

YEOMAN YARNS LTD
36 Churchill Way, Fleckney,
Leics LE8 0UD
Telephone: (0533) 404464 Fax: (0533) 402522
In USA - call 1-800 Yarn-Ups



Books by



Angela N. Gordon

*The
Machine
Knitting
Tutor*

Master your single
bed machine in 22
easy to understand
lessons

£9.95

Tutors - send s.a.e. for details of
Lesson Plans

*Machine Knitters
Super Tips
Plus*

Get the most from
your machine with
over 400 tried and
tested tips

£7.95

(UK post free)

☞ Cheque/P.O. to...

COMPACT SERVICES

29 St Helens Road • Sandford • Wareham • Dorset BH20 7AX




(0929) 551073



USA: Knitting Machine Centre • 5442 Cannas Drive • Cincinnati • Ohio 45238

Beautiful bobbles

Experience the satisfaction of the traditional craftworker by hand-tooling the lace border and bobbles on this lovely long line sweater in Robin Diamante DK.

BACK

Push 92 [115, 138] Ns to WP. Cast on using chain st method. Set RC at 000. Cont in border

patt from chart 1, K 20 rows. Using WY, K a few rows in st st and release from machine. Push 89 [111, 133] Ns to WP. With carriage at right and P side of WY facing, replace sts on to Ns, dec 3

[4, 5] sts evenly. Unravel WY. Set RC at 000*. Using MY and working rows 1 to 36 inclusive from chart 2, then rep rows 5 to 36 throughout, K 190 [196, 204] rows.

Shape Shoulders

Push 26 [36, 46] Ns at left to HP. Cast off 26 [36, 46] sts at beg of next row. Using WY, K a few rows over rem 37 [39, 41] sts and release from machine. Push 26 [36, 46] Ns at left from HP to UWP. Using a length of MY, cast off.

FRONT

Work as for back to *. Using MY and working rows 1 to 36 inclusive from chart 2, then rep rows 5 to 36 throughout, K 160 [166, 174] rows.

Shape Neck

Push 51 [63, 75] Ns at left to HP and cont on rem sts for first side. K 1 row. Dec 1 st at neck edge on every row until 31 [41, 51] sts rem, then on every foll alt row until 26 [36, 46] sts rem. K 12

rows. Cast off. With carriage at right, push 13 [15, 17] Ns at right from HP to UWP. Using WY, K a few rows and release from machine. With carriage at left, push rem Ns from HP to UWP and finish to correspond with first side, reversing shapings.

SLEEVES

Push 61 [67, 73] Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MY and working rows 1 to 36 inclusive from chart 2, then rep rows 5 to 36 throughout and, AT THE SAME TIME, K 2 rows. Shape sides by inc 1 st at each end of next and every foll 5th row until there are 101 [111, 121] sts. K 16 [15, 11] rows. RC shows 114 [123, 129]. Cast off.

CUFFS

With carriage at right and using MY, cast on 41 [45, 49] sts in 1x1

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for 6.5 mm double knitting machines with a ribber.

If you don't have a ribber, work ribs in mock rib or knit by hand.

MATERIALS

Robin Diamante DK. (Yarn Guide No. 14.)

14 [15, 16] x 50g balls in Cream (MY).

Pair 3¼ mm needles.

The fibre content of this yarn is 87% Acrylic, 13% Nylon. For further information about this yarn, please write to the following address:- Robert Glew & Co. Ltd., Leeds Road, Greengates, Bradford BD10 9TE.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust 71-76 [82-92, 97-107] cm, 28-30 [32-36, 38-42] in.

Actual size 79 [99, 119] cm, 31 [39, 47] in.

Length to shoulder 69 [71, 74] cm, 27 [28, 29] in.

Sleeve seam 43 [46, 48] cm, 17 [18, 19] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

22 stitches and 30 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 5).

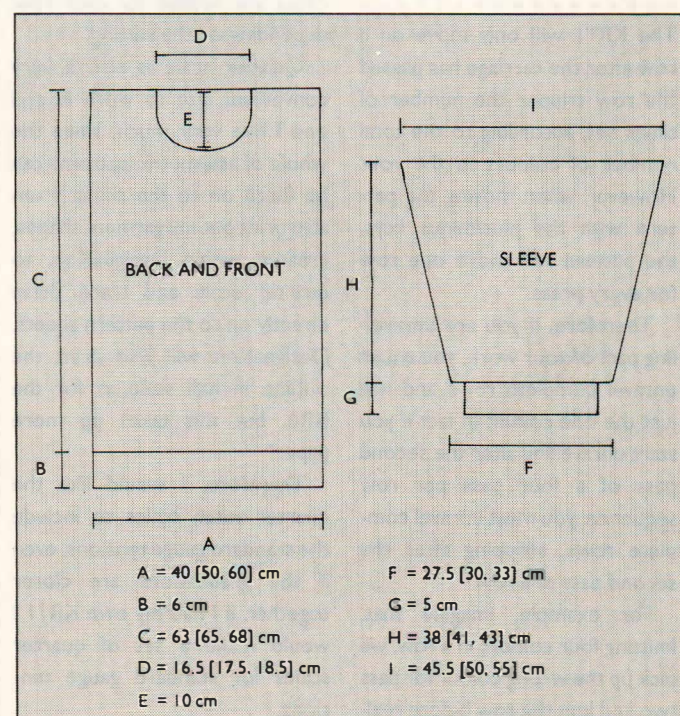
For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment.

Chain Stitch Cast-On

Using MT and WY, cast on and K a few rows, ending with carriage at right. Push Ns to HP. Using a latch tool and MY, make a loop and place loop behind latch. With yarn at left of first N, bring latch tool up between first and second Ns at left and hook yarn over first N. Pull through loop. Rep along all Ns. Place loop from latch tool on last N. Push Ns to UWP.





modern MACHINE KNITTING

MAY ISSUE – ON SALE THURSDAY APRIL 14th

Place a regular order with your newsagent today or send for a subscription

TO MY NEWSAGENT:

Please reserve me a regular copy of Modern Machine Knitting and *deliver to the address below/I shall collect it

*Delete as required

Name _____

PLEASE COMPLETE THIS FORM CLEARLY IN BLOCK LETTERS

Address _____

Postcode _____

Note to Newsagents:

Modern Machine Knitting is available from your wholesaler and is fully SOR. In the event of any difficulties please contact: SEYMOUR, Windsor House, 1270 London Road, Norbury, London SW16 4DH.

Telephone: 081-679 1899.

SUBSCRIPTIONS

Just fill in the coupon below and send it off today to: Modern Machine Knitting, 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW. We can accept telephone orders for Access and Visa payments.

Please phone 0628 829815 and ask for subscriptions. Payment should be made in sterling cheques only, please. All rates are inclusive of postage and packing for 12 issues per year. Please print clearly and copy the details on a plain sheet of paper if you prefer not to cut your magazine.

I enclose a cheque/PO for £19.20 (overseas prices on application) for a year's subscription to Modern Machine Knitting.

Please start with the _____ issue.

PLEASE COMPLETE THIS FORM CLEARLY IN BLOCK LETTERS



☐ I wish to pay by Visa/Access, please charge to my account. My card number is:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



Signature _____ Expiry Date _____

Name (on credit card) _____

Name _____

Address _____

Postcode _____

Telephone No: _____

BACK ISSUES

We still have back issues of the magazines for readers who may have missed one or more copies.

★ STOCK CLEARANCE – BACK ISSUES REDUCED TO 75p (+p&p)

Back issues are NOT available for filled in squares
Limited stocks only are available for shaded boxes

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	
1988													75p
1989													75p
1990													75p
1991													75p
1992													75p
1993													75p
1994													£1.50

Please ADD 45p per copy postage and packing for UK and BFPO addresses; £1.00 per copy for mailing to EUROPE; £1.00 per copy for Surface Mail to all other countries and £2.00 per copy for Air Mail to all other countries.

Please fill in the appropriate boxes with the number of copies you require and send the coupon to: Modern Machine Knitting, 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW.

Name _____

Address _____

Postcode _____

Telephone number (for office use only in case of query) _____

I enclose cheque/PO for £_____/I wish to pay by Access/Visa. (Sterling cheques only please). All prices include P&P.



Expiry date _____

Card No. _____

Signed _____

Beautiful bobbles

32 rib. K 3 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 16 rows. Transfer sts for st st. With P side facing, replace 61 [67, 73] sts from lower edge of sleeve on to Ns, gathering evenly. Unravel WY. Using MT+2, K 1 row. Cast off.

at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 9 rows. Transfer sts for st st. Using MT, K 2 rows. With P side facing, pick up 37 [39, 41] sts across back neck, 30 sts down right side of neck, 13 [15, 17] sts across front neck and 31 sts up left side of neck and place on to Ns. Unravel WY. Using MT+2, K 1 row. Cast off.

Press carefully, following instructions on ball band.

BOBBLES

Machine Knit

Push 3 Ns to WP. With K side facing, pick up a marked st and place on to centre N. Using MT and MY, K 2 rows. Move edge sts 1 N outwards. Pick up a loop and place on to empty Ns. 5 sts. K 2 rows. Dec 1 st at each end of next 2 rows. 1 st rem. Pick up marked st and place on to N. Cast off. Pull ends of yarn to wrong side and secure.

Hand Knit (Optional)

With K side facing and using 3 1/4 mm needles and MY, pick up and K into marked st as follows:- K 1, y fwd, K 1, y fwd, K 1. Turn, P 5, turn, K 5, turn, P 2 tog, P 1, P 2 tog, turn, sl 1, P 2 tog, pss. Fasten off. Pull ends of yarn to wrong side and secure.

NECKBAND

Join right shoulder seam. With carriage at right and using MY, cast on 111 [115, 119] sts in 1x1 rib. K 3 tubular rows. Carriage is

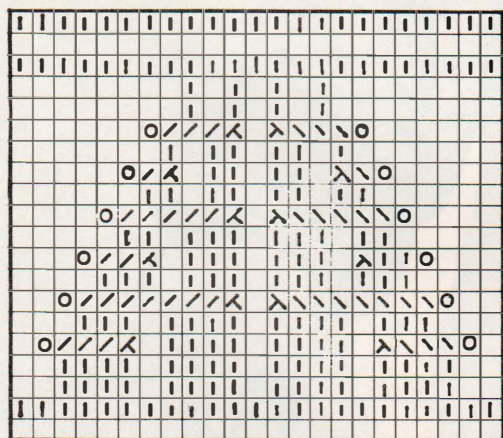
PRESSING

With wrong side facing, pin out all pieces to measurements given.

MAKING UP

Join left shoulder and neckband seam. Set in sleeves, matching centre to shoulder seams. Join side and sleeve seams.

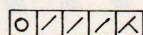
CHART 1



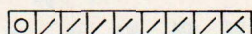
Rep

KEY

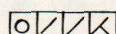
[] = Drop and reform st using a latch tool



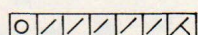
= Transfer 4 sts at left 1 N to right, leave empty N in WP



= Transfer 8 sts at left 1 N to right, leave empty N in WP



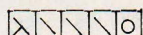
= Transfer 3 sts at left 1 N to right, leave empty N in WP



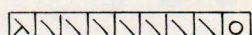
= Transfer 6 sts at left 1 N to right, leave empty N in WP



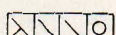
= Transfer 2 sts at left 1 N to right, leave empty N in WP



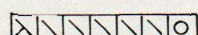
= Transfer 4 sts at right 1 N to left, leave empty N in WP



= Transfer 8 sts at right 1 N to left, leave empty N in WP



= Transfer 3 sts at right 1 N to left, leave empty N in WP

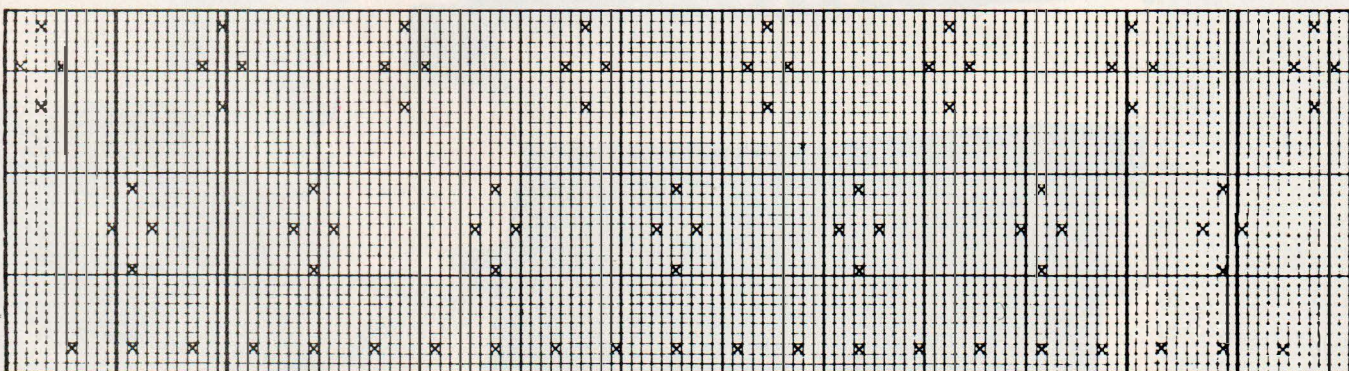


= Transfer 6 sts at right 1 N to left, leave empty N in WP



= Transfer 2 sts at right 1 N to left, leave empty N in WP

CHART 2



Sleeve sizes

Back/Front sizes

[X] = Place a marker on N (do not place a marker on edge Ns)



Borderline design

Knit this casual Fair Isle sweater for your fashion conscious youngster, who can team it with jeans or leggings for comfort and style.

BACK

With carriage at right and using MC, cast on 102 [110, 116, 124, 132, 138] sts at centre in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 18 [18, 18, 22, 22, 22] rows. Transfer sts for st st. Insert card 1 and lock on first row. Take carriage across twice without knitting. Set RC at 000. Using MT+1, K 1 row. Release card and cont in Fair Isle patt *. K 69 [83, 95, 105, 117, 133] rows. RC shows 70 [84, 96, 106, 118,

134]. Place marker at each end **. K 70 [70, 74, 74, 78, 78] rows. RC shows 140 [154, 170, 180, 196, 212]. Place marker between sts 18 and 19 [19 and 20, 20 and 21, 21 and 22, 22 and 23, 23 and 24] at left and right of centre. Cast off.

FRONT

Work as for back to **. K 50 [50, 54, 50, 54, 54] rows. 20 [20, 20, 24, 24, 24] rows less have been worked to shoulder than on back.

Shape Neck

Note patt row on card. Using nylon cord, K 58 [63, 67, 72, 77, 81] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Dec 1 st at neck edge of every row until 33 [36, 38, 41, 44, 46] sts rem. K 8 [8, 8, 12, 12, 12] rows. Cast off. With carriage at right, unravel nylon cord over 14 [16, 18, 20, 22, 24] Ns at right, bringing Ns back to WP. Using WY, K a few rows in st st and release from machine. With carriage at right, unravel nylon cord over rem Ns, bringing Ns back to WP. Lock card on number previously

noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings.

SLEEVES

With carriage at right and using MC, cast on 54 [54, 60, 60, 66, 66] sts at centre in 1x1 rib. Work as for back from * to *. Shape sides by inc 1 st at each end of every 3rd [4th, 5th, 5th, 6th, 6th] row until there are 66 [86, 104, 88, 110, 90] sts, then on every foll 4th [5th, 5th, 6th, 7th, 7th] row

38 ►

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber. If you don't have a ribber, work ribs in mock rib.

MATERIALS

Bramwell Fine 4-ply. (Yarn Guide No. 11.)
1 x 500g cone in Cream (MC).
1 x 500g cone in Black (A).
1 x 500g cone in Red (B).

GARMENT WEIGHT

Finished garment in second size weighs 175g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- F. W. Bramwell & Co. Ltd., Unit 5, Metcalf Drive, Altham Lane, Altham, Accrington BB5 5TU.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit chest 56 [61, 66, 71, 76, 82] cm, 22 [24, 26, 28, 30, 32] in.
Actual size 69 [74, 78, 84, 89, 94] cm, 27 [29, 31, 33, 35, 37] in.
Length to shoulder 39.5 [43, 47, 50.5, 54.5, 58.5] cm, 15½ [17, 18½, 20, 21½, 23] in.
Sleeve seam 28 [31.5, 35.5, 39, 43, 45.5] cm, 11 [12½, 14, 15½, 17, 18] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

29 stitches and 40 rows to 10 cm, 4 in measured over Fair Isle pattern 2 (tension dial approximately 6).
29 stitches and 37.5 rows to 10 cm, 4 in measured over Fair Isle pattern 1 on MT+1 (tension dial approximately 7).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment. Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting. Knit two colour Fair Isle rows with first colour given in back feeder 1/A to knit background and second colour given in front feeder 2/B to knit contrast pattern.

Fair Isle Pattern (Back and Front)

K 2 rows A only (st st), 2 rows A/MC, 2 rows A only (st st), 8 rows A/B, 2 rows A only (st st), 8 rows A/B, 2 rows A only (st st), 2 rows A/MC and 2 rows A only (st st). Remove card. Insert card 2 and lock on first row. Cont in st st and MC. Using MT, K 4 rows. Release card and cont in Fair Isle. * K 2 rows MC/A and 4 rows MC only (st st) *. Rep from * to * throughout.

Fair Isle Pattern (Sleeves)

K 2 rows A only (st st), 2 rows A/MC, 2 rows A only (st st) and 8 rows A/B. Lock card on 27th row. Cont in st st and A, K 2 rows. Release card and cont in Fair Isle. K 2 rows A/MC and 2 rows A only (st st). Remove card. Insert card 2 and lock on first row. Cont in st st and MC. Using MT, K 4 rows. Release card and cont in Fair Isle. * K 2 rows MC/A and 4 rows MC only (st st) *. Rep from * to * throughout.

Borderline design

◀ 37

until there are 102 [102, 108, 108, 114, 114] sts. K 4 rows. RC shows 95 [109, 125, 135, 151, 161]. Cast off.

NECKBAND

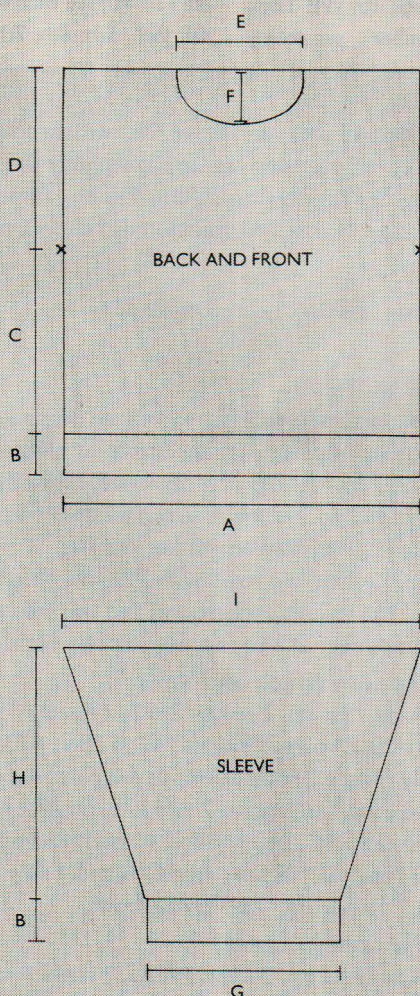
Join right shoulder seam. Push 98 [102, 106, 116, 120, 124] Ns to WP. With K side facing, pick up 98 [102, 106, 116, 120, 124] sts around neck edge and place on to Ns. Unravel WY. Set RC at 000. Using MT and MC, K 1 row. Transfer sts for 1x1 rib. Using MT-3/MT-3, K 21 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

Join left shoulder and neckband seam. Set in sleeves between markers. Join side and sleeve seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MC.



A = 35 [37.5, 40, 42.5, 45.5, 47.5] cm

B = 4 [4, 4, 5, 5, 5] cm

C = 18 [21.5, 24.5, 27, 30, 34] cm

D = 17.5 [17.5, 18.5, 18.5, 19.5, 19.5] cm

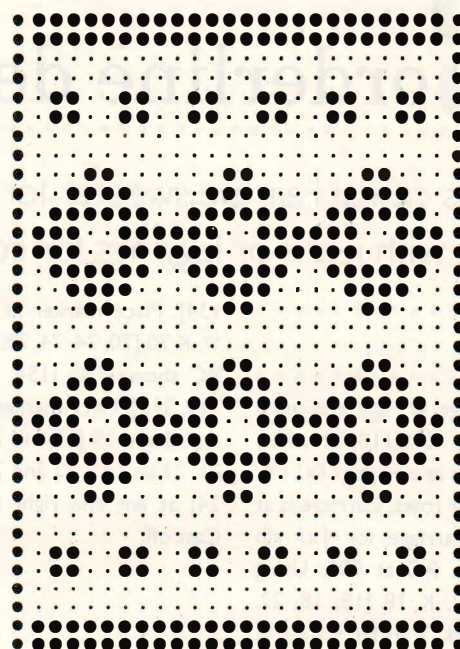
E = 12.5 [13, 13.5, 14.5, 15, 16] cm

F = 5 [5, 5, 6, 6, 6] cm

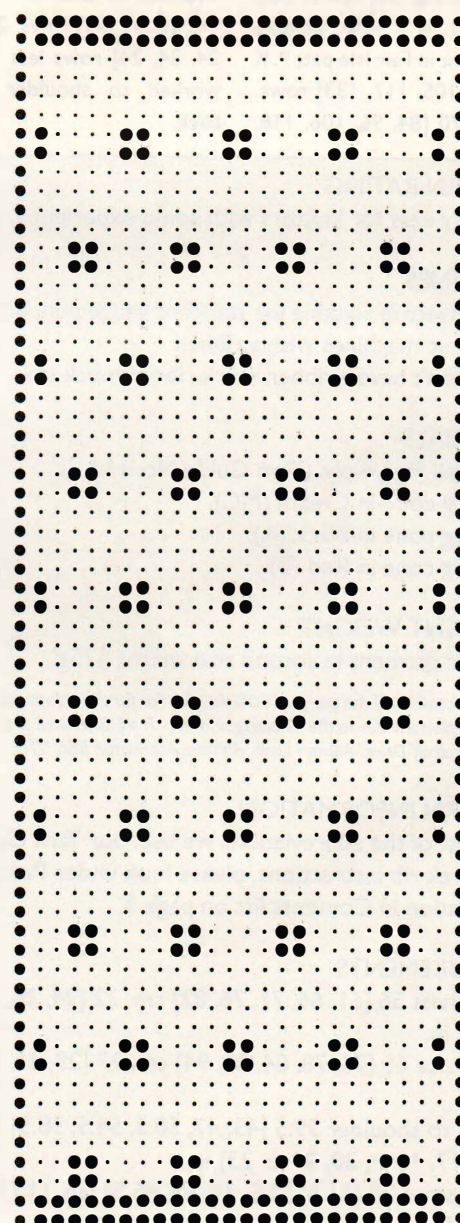
G = 18.5 [18.5, 20.5, 20.5, 22.5, 22.5] cm

H = 24 [27.5, 31.5, 34, 38, 40.5] cm

I = 35 [35, 37, 37, 39, 39] cm



PUNCHCARD 1



PUNCHCARD 2

UPPINGHAM YARNS



TEL: 0572 823747

**AT UPPINGHAM, ON MAIN A47,
19 MILES EAST OF LEICESTER.
OPEN 7 DAYS & HOLIDAYS (NOT XMAS)
TO PUBLIC & TRADE.
ARRANGE A COACH TRIP
(COMMISSION PAID ON SALES)**

ALSO AT **RHONDDA**, DINAM PARK AVE, TON PENTRE, RHONDDA CF41 7AT. *OPEN MON TO SAT. TEL: 0443 431500*
GATESHEAD, KENT AVENUE, OFF RAVENSWORTH ROAD, DUNSTON NE11 9AB.
ONLY OPEN FIRST WED & SAT EACH MONTH

DIRECT FROM INDUSTRY

MAIL ORDER NOW

Please send me a mail order brochure and price details

NAME.....

ADDRESS.....

.....POSTCODE:.....MMK

Send to: Uppingham Yarns Ltd, Uppingham, Leics LE15 9QL (SAE please)

BROCHURE COLOUR CHARTS REPEATABLE (REP:) INCLUDE

NOTE: SHOP PRICES DIFFER FROM MAIL ORDER

1 Ply	High Bulk (HB:) Appr.	1000 Grams	£5.28 per cone
4 Ply	HB Acrylic (Acr:)	500 Grams	£2.84
	Rainbow Acr.	250 Grams	£2.10
	Crêpe Acr.	500 Grams	£4.70

ALSO SENT: Details of Bargain Packs of Acrylics, Cotton, Shetland and Lambswool.

EX BROCHURE: Please request colours to match your requirements

Prices for a typical 500 Gram Cone (17.2 ozs) but CONE SIZES DO VARY

1 Ply	HB Acr.	£2.46
	Bright Regular Acr.	£2.10
	Open end Acr.	£1.05
	Wool & W/Acr.	£2.10
	Cotton & C/Acr.	£1.25
2 Ply	Brushed Acr.	£2.10 to £4.25 (Rep)
	Cotton.	£3.10 to £6.25 (Rep)
	Wool.	£2.50
	Lambswool.	£2.50
	Bouclé.	£2.10 to £4.25 (Rep)
3 Ply	HB Acr.	£2.10 to £3.55 (Rep)
4 Ply	Shetland & Wool.	£2.50 to £4.75 (Rep)
	Chenille.	£6.25
	Mohair/Acr.	£4.15
D.K.	HB Acr.	£3.08
Aran	Wool on Hank.	450 Grams £4.32 (Rep)
	Wool/Nylon Hank.	450 Grams £4.32 (Rep)
	Chunky Mohair 78% Hank.	360 Grams £6.10

MANY FANCIES, SILK, LINEN MIX, VISCOSE, LYCRA, LUREX, CASHMERE & SPECIALIST WOOLS ON REQUEST

FREIGHT EXTRA

3 Kilos to 27 Kilos £4.50 flat rate charge inclusive – England/Wales (Grampian & Isles extra).
24 Hour Delivery when possible. All inclusive of VAT. Under 3 kilos by Parcel Force.

SPECIAL BULK OFFERS

4 Ply Acr. (500 Grams)	Boxes of 40 (Pick 'n' Mix)	£2.95 per cone
	Boxes of 40 (One Colour)	£2.65 per cone

**INCLUSIVE FREIGHT
& ALL COSTS**

VISIT OUR STAND AT LEADING KNITTING EXHIBITIONS

D5

UPPINGHAM YARNS



Swatch spot

Angie Gibbons really goes to town with some wonderful ladder variations on a triangular theme, for a really open layered look this month.

This month I continue with my theme of working on designs for fabrics which work effectively when used for garments that can be layered. Many looks this season are produced by wearing layers of garments, for instance, a blouse with a long waistcoat, worn over another waistcoat and topped by a jacket.

Many of us will not wish to wear so many layers. A good effect can be achieved with just two layers, a jumper or waistcoat worn over another jumper or blouse. In my last Swatch Spot I showed a simple laddered fabric design and the different finishes that can be obtained by the use of yarn and decoration. In this Swatch Spot I continue with the laddering theme to show other

uses of the technique. Again, I have worked the design twice with different results. Each swatch has two layers; the top layer is designed to allow the second layer to show through. The second layers have been worked in stocking stitch. The top layer represents the top garment with the second layer being the garment underneath.

The triangle pattern of Swatch One has been worked by using fully fashioned decreasing. I have worked one triangle on top of another, in effect causing a vertical stripe between the floats. The shaping can be seen clearly as the yarn, a soft cotton, is smooth and short fibred. The second layer has been worked in mercerised cotton, which adds a shine. I have used a dark colour for the

second layer, giving a good contrast to the cream top layer.

In Swatch Two the triangles have been staggered, creating a completely different effect from Swatch One. The richness of the fabric has been produced by using chenille in a dark colour which has been decorated with small silver bugle beads at the tip of each triangle. To complement the beads, I have worked the second layer in a cream soft cotton with a silver lurex.

The triangles of the design can be made larger or smaller, or a mix of large and small triangles on one fabric will make an interesting alternative. The yarn colour could be changed with each row of triangles. A one by one tuck or small slip stitch can be used to add texture.

The design will work well for large loose jackets, shift dresses, gathered skirts or fitted evening wear. Use it as a detail, as a border or panel. Many effects can be achieved by different yarns for each layer and decoration of the top layer. The ladder technique works well as a summer fabric without a second layer.

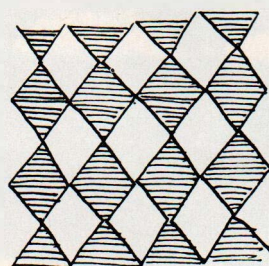
***** SWATCH ONE *****

TOP LAYER

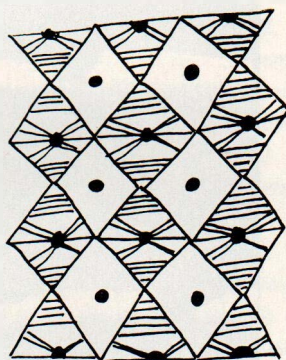
*** Push 41 Ns at left and 40 Ns at right of centre 0 to WP. (81 Ns in WP.) Set carriage to stockinet. With Col 1 in feeder 1, cast on and knit 10 rows.

++ * Referring to Chart 1, using double transfer tool and working fully fashioned shaping, start at

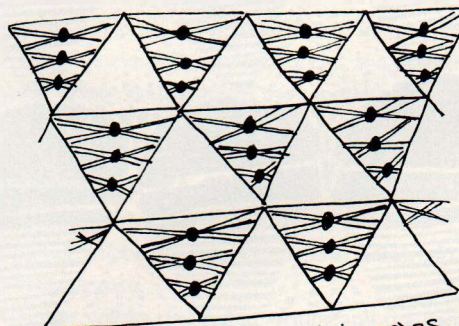
42 ►



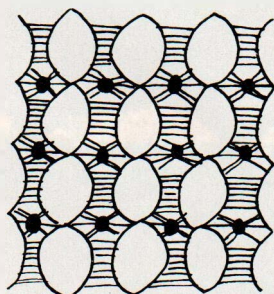
Small Diamond shapes make an attractive fabric.



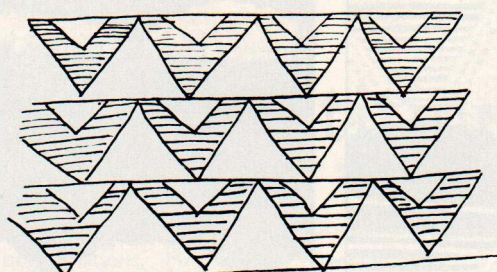
Large diamonds, with long floats decorated with beading.



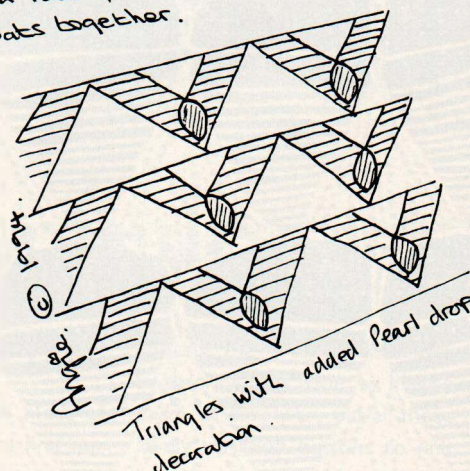
Staggered large triangles with rows of beads, grouping floats together.



Worked oblongs with wide floats decorated by beading.



Large and small triangles, make an unusual striped fabric.



Triangles with added Pearl drop decoration.

Swatch spot

◀ 41 left of needlebed, dec sts across row. Knit 4 rows *. Repeat from * to * once. ** Referring to Chart 1, with a single transfer tool, dec sts across row. ** Knit 4 rows. Repeat from ** to ** once. Knit 2 rows. Push empty Ns to UWP. # Next row worked by hand: Knit 6 sts. E-wrap 8 empty Ns. * Knit 1 st, e-wrap next 8 empty Ns *. Repeat from * to *. Finally knit 6 sts. Change carriage to other end of needlebed. Lay cord across to prevent unravelling, knit across row. Remove cord # ++ ***. Repeat from ++ to ++ 6 more times. Repeat from # to # once. Knit 8 rows and cast off. Sew in ends. Block sample with

wrong side up. Steam swatch, without touching fabric. Leave to cool.

SECOND LAYER

Push 55 Ns each side of centre 0 to WP. (110 Ns in WP.)

With Col 2 in feeder 1, knit 180 rows and cast off.

Sew in ends and steam lightly on wrong side.

FINISHING

** To secure the two fabrics together, lay second layer under top layer. Oversew top edges together **.

SWATCH TWO

TOP LAYER

With Col 3 in feeder 1, work from *** to *** in Swatch One.

* Staggered triangle row.

Referring to Chart 2, with double transfer tool, working fully fashioned shaping, start at left of needlebed, dec sts across row. Knit 4 rows

*. Repeat from * to * once. ++ Referring to Chart 2, with a single transfer tool, dec sts across row. ++ Knit 4 rows. Repeat from ++ to ++ once. Knit 2 rows.

Push empty Ns to UWP.

Next row worked by hand: Knit sts. E-wrap 4 empty Ns. * Knit 1 st, e-wrap next 8 empty Ns *. Repeat from * to * to last 11 sts. Knit 1 st. E-wrap 4 Ns, knit sts. Change carriage to other end of needlebed, knit across row. Lay cord across to prevent unravelling. Knit across row. Remove cord #.

(Repeat from ++ to ++ as in

Swatch One. Repeat from # to # above) twice.

Repeat from ++ to ++ as in Swatch One.

Knit 8 rows and cast off.

Sew in ends. Block sample with wrong side up. Steam swatch without touching fabric. Leave to cool.

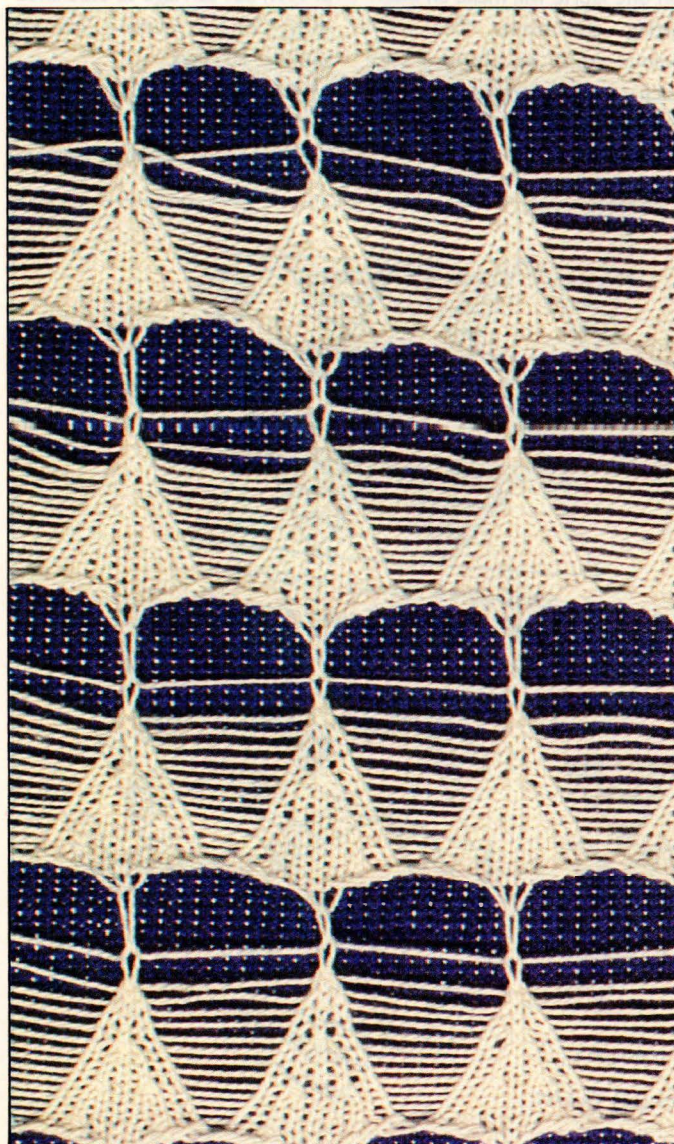
SECOND LAYER

With Col 4 in feeder 1, work as for Swatch One.

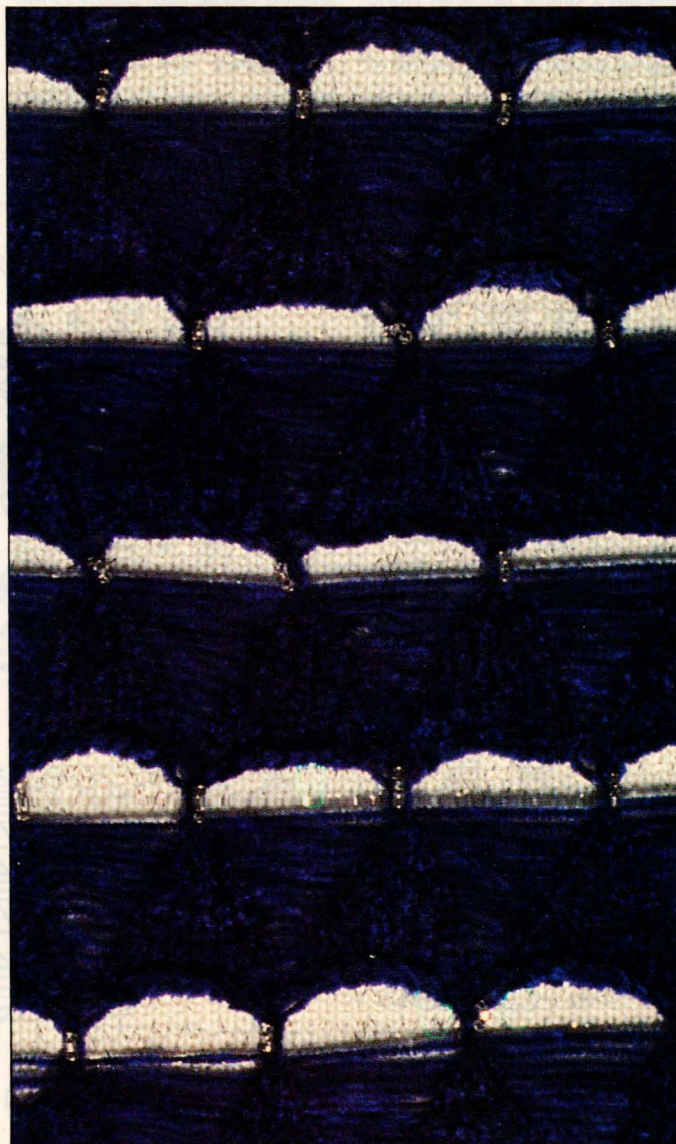
FINISHING

With Col 5 and a fine sewing needle, using thread singly, secure thread at tip of one triangle, * thread on one bugle bead, secure in place *. Repeat from * to * twice more. Repeat process until all triangles have been decorated. Work from ** to ** as for finishing in Swatch One.

SWATCH ONE



SWATCH TWO



YARNS USED

Brockwell Yarns 2-ply
Mercerised Cotton
Forsell 2-ply Soft Cotton.
Yeoman Yarns 4-ply Chenille.
Bramwell Yarns Flat Lurex.
Silko sewing thread.
Beads: long bugle beads No.3.
Available from craft, fabric and
wool shops.

Col 1 – Calico Soft Cotton.
Col 2 – Violet Mercerised
Cotton.
Col 3 – Violet 4-ply Chenille.
Col 4 – Calico Soft Cotton and
Silver Flat Lurex.
Col 5 – Violet sewing thread.

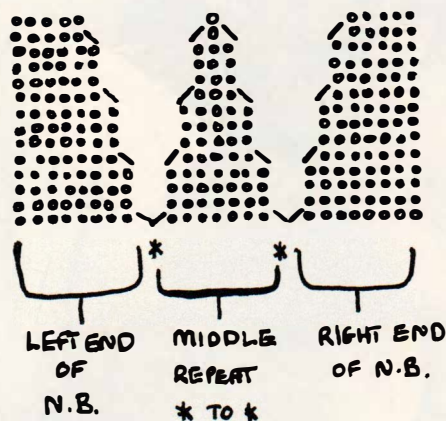
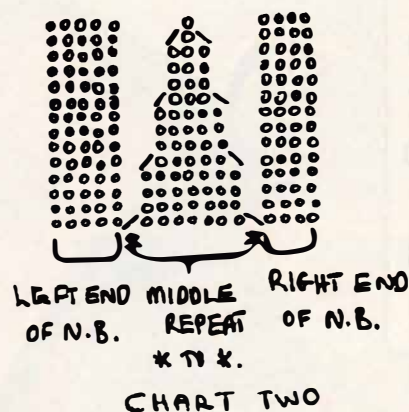


CHART ONE.
1ST TRIANGLE ROW.



KEY.

O = NS. W. W.P.
/ = DEC. TO RIGHT
\ = DEC. TO LEFT.

**“The best quality coned yarns
with the widest range of colours?
I don’t believe it!”**

Nor should you believe it until you see the new coned yarn shade card from Spectrum. There are four ranges – Linaria 4 ply, Delta 3 ply (both 100% acrylic), Tango 4 ply and Strata Aran (both of which are 20% wool/80% acrylic).

All Spectrum coned yarns carry the “Courtelle” logo, which is your guarantee that only the highest quality acrylic fibres have been used.

And with over 90 shades to choose from we think you’ll agree that Spectrum offers the best quality choice there is.

But don’t just take our word for it – simply send off for our free shade card or if you already have access to one, fill in the order form below for the yarn to knit the Spectrum design in this magazine. And become a believer.

Telephone order/enquiry hotline 0484 843732

SPECTRUM

UK: SPECTRUM YARNS SPA MILL NEW STREET SLAITHWAITE HUDDERSFIELD HD7 5BB. PLEASE ALLOW 28 DAYS FOR DELIVERY OF YARN
USA: BETTY PRINCE, PO BOX 1443, ROSEVILLE, CA95678 TEL: 916 786 4859 FAX: 916 782 3610
CANADA: CHILTERN CUSTOM KNITS, 606 MINTO STREET, OSHAWA, ONTARIO TEL: 905 436 0485 FAX: 905 436 7358

TO: Fiona Coupland, Spectrum Yarns, Spa Mill, New Street, Slaithwaite, Huddersfield, Yorkshire HD7 5BB.	QUANTITY	RANGE	COLOUR	PRICE(EACH)	TOTAL
☐ Please send me my FREE Spectrum Coned Yarn Shade card.	_____	_____	_____	£_____	£_____
☐ I would like to order some yarn as detailed opposite.	_____	_____	_____	£_____	£_____
I enclose a cheque/PO (payable to Spectrum Yarns) for £_____	_____	_____	_____	£_____	£_____
or please charge my ☐ Access ☐ Visa (expiry date _____)	_____	_____	_____	Plus p&p	£_____
card no	_____	_____	_____	Total payable	£_____
Name _____ Address _____					
Town _____ Postcode _____					



Cabled cotton

Short and sweet, a cabled sweater in white double-knit cotton from the Silver Reed International Collection, will be a winner in your own summer collection.

BACK

Push 125 [133, 139, 145] Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MY, K 1 row. Cont in cable patt from chart. K 75 rows. RC shows 76.

Shape Armholes

Cast off 4 sts at beg of next 2 rows. Dec 1 st at each end of every row until 105 [109, 115, 121] sts rem, then on every foll alt row until 95 [99, 103, 107] sts rem *. K 40 [42, 44] rows. RC shows 134 [138, 140, 144].

Shape Neck and Shoulders

Push 72 [74, 76, 78] Ns at left to HP and cont on rem sts for first side. Dec 1 st at neck edge and cast off 10 [12, 13, 14] sts at beg

of next row. Dec 1 st at neck edge of next row. Cast off rem 11 [11, 12, 13] sts. With carriage at right, push 49 Ns at right from HP to UWP. Using WY, K a few rows in st st and release from machine. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.

FRONT

Work as for back to *. K 18 [20, 20, 22] rows. 22 rows less have been worked to shoulder than on back.

Shape Neck

Push 57 [59, 61, 63] Ns at left to HP and cont on rem sts for first side. Dec 1 st at neck edge of every row until 26 [28, 30, 32] sts

rem, then on every foll alt row until 21 [23, 25, 27] sts rem.

Shape Shoulder

Cast off 10 [12, 13, 14] sts at beg of next row, K 1 row. Cast off rem 11 [11, 12, 13] sts. With carriage at right, push 19 Ns at right from HP to UWP. Using WY, K a few rows in st st and release from machine. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.

SLEEVES

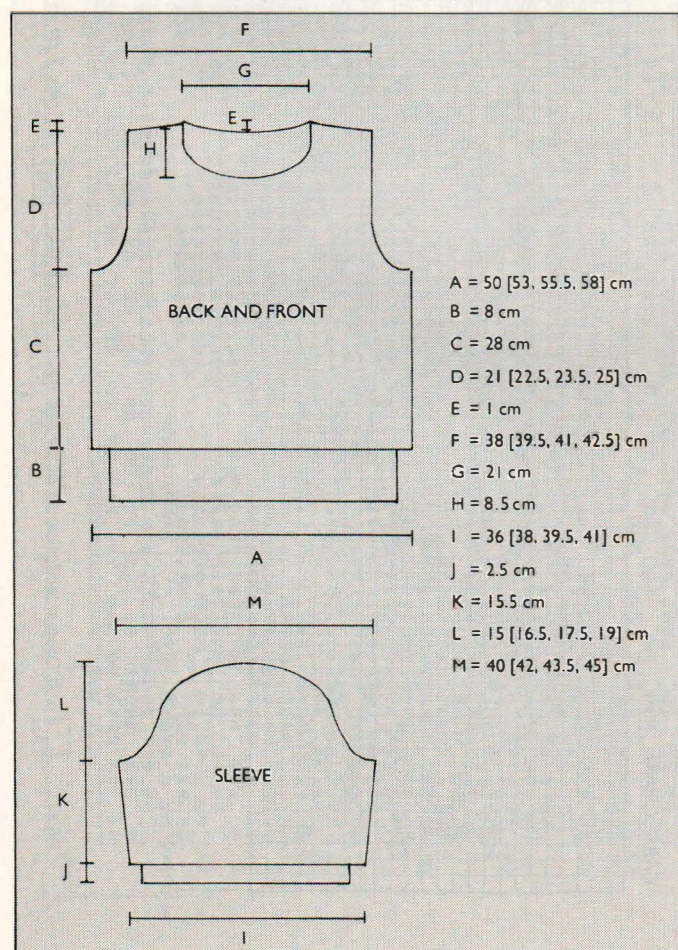
Push 91 [95, 99, 103] Ns to WP.

Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MY, K 1 row. Cont in cable patt from chart. Shape sides by inc 1 st at each end of every 7th row until there are 101 [105, 109, 113] sts. K 6 rows. RC shows 42.

Shape Top

Cast off 4 sts at beg of next 2 rows. Dec 1 st at each end of every row until 65 [69, 73] sts rem, then on every foll alt row until 53 sts rem, then on every row until 25 sts rem. Cast off.

46 ►



PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for Silver Reed 6.5 mm double knitting machines.

MATERIALS

Approximately DK. (Yarn Guide No. 15.)
 Original was knitted in 100% Cotton.
 Approximate quantities 420 [450, 475, 500] g.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust 82 [87, 92, 97] cm, 32 [34, 36, 38] in.
 Actual size 98 [104, 109, 114] cm, 38½ [41, 43, 45] in.
 Length to shoulder 57 [58.5, 59.5, 61] cm, 22½ [23, 23½, 24] in.
 Sleeve seam 18 cm, 7 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

25 stitches and 27 rows to 10 cm, 4 in measured over cable pattern (tension dial approximately 3).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment.

p
a
t
t
e
r
n

6

◀ 45

46 MODERN MACHINE KNITTING

WHERE TO BUY YOUR SILVER REED PUNCHCARD MACHINES

SOUTH WEST & SOUTH WALES

ARCADE SEWING MACHINE CO. LTD.,
33 The Arcade,
Broadmead, Bristol.

BREDONS,

3 Eastgate, East Street,
Taunton, Somerset.

BRIDGEND KNITTING CENTRE,
62 Nollton Street,
Bridgend, Mid Glamorgan.

CORNWALL KNITTING SERVICES,
2 Savoy Buildings,
27 Truro Road, St. Austell.

COTSWOLD SEWING CENTRE,
37 Farringdon Road, Swindon.

COTSWOLD SEWING MACHINES,
7a Lansdown, Stroud.

D & S CONE YARN,
175 Queen Street,
Newton Abbot, Devon.

FLEECE FROM LEECE,
50 Meadow Street,
Weston Super Mare, Avon.

GAREMS,
Unit 3, Plot 27,
Cross Hands Business Park,
Cross Hands, Llanelli, Dyfed.

JAY-GEE,
100 Station Road, Taunton.

KNITCRAFT,
17 High Street,
Westbury, Wiltshire.

NANTIAGO HOMECRAFTS,
49/50 Frogmore Street,
Abergavenny, Gwent.

NEWPORT SEWING CENTRE,
314 Cowbridge Road East,
Cardiff, Glamorgan.

NEWPORT SEWING CENTRE,
56 Clarence Place, Newport.

SEWCRAFT SEWING & KNITTING MACHINES,
117 Commercial Street,
Newport.

SEWING MACHINE CENTRE,
34B St. Thomas Street,
Weymouth.

CENTRAL SOUTHERN

FAREHAM SEWING MACHINES,
164B West Street, Fareham.

J. J. & J. READ SEWING MACHINES LTD.,
327 Shirley Road,
Southampton, Hampshire.

J & R KNITTING MACHINES,
13B Bridge Street, Witney.

SARUM SEWING CENTRE,
25 Catherine Street,
Salisbury.

SEWMASTER,
3 West Street, Reading.

WOOLWORK,
66 Grosvenor Road,
Aldershot.

YARNARAMA,
Webb's Land, Tanfield Lane,
Wickham, Hampshire.

LONDON & THE SOUTH EAST

A. J. FRANKLIN,
13A/15 St. Botolphs Street,
Colchester, Essex.

A. J. FRANKLIN,
222 High Street,
Dover Court, Essex.

ANN'S YARNS,
Unit 30, Fourth Avenue,
Bluebridge Industrial Estate,
Halstead, Essex.

C. C. B. SEWING KNITTING MACHINES,
304 High Street,
Rochester.

COTTON-ON,
68 Broadwater Street West,
Worthing.

ESSEX KNITTING MACHINE,
1751 London Road,
Leigh on Sea.

J. E. M.'S MACHINE KNITTING CENTRE,
19 Sun Street, Canterbury.

KNITCRAFT KNITTING MACHINES LTD,
131 High Street,
Yiewsley, West Drayton.

KNITMATES,
Unit 21,
Rowfant Business Centre,
Wallage Lane, Rowfant,
Nr. Crawley, West Sussex.

KNITTING MACHINE PEOPLE,
36 Windsor Avenue,
Cliftonville, Margate.

LETSALKNIT LTD,
682 Green Lane,
Ilford, Essex.

MACHINEKNITS LTD,
55/57 Hamlet Court Road,
Westcliff on Sea.

ASHFORD SEWING CENTRE,
6 New Rents,
Ashford, Kent.

MAIDSTONE SEWING CENTRE,
63 Union Street,
Maidstone, Kent.

MODERN KNITS,
14c Baddow Road,
Chelmsford, Essex.

SEWMASTER,
263 High Street, Slough.

SHAN KNIT CENTRE,
48 Bohemia Road,
St. Leonards, East Sussex.

STEELES SEWING MACHINES,
68 North Road,
Brighton, East Sussex.

V. W. HUMPHREYS SEWING MACHINES LTD.,
5/7 Linkfield Corner,
Redhill, Surrey.

WEAVERKNITS LTD.,
276/8 Main Road,
Sutton-at-Hone, Dartford.

WIMBLEDON SEWING MACHINE COMPANY LTD.,
214/216 Merton High Street,
London SW19.

WOKING SEW & KNIT CENTRE,
284 Woodham Lane,
New Haw,
Weybridge, Surrey.

EAST ANGLIA

BINDERS SEW & KNIT CENTRE,
67 Fengate, Peterborough.

CENTRAL NORFOLK KNITTING MACHINE CO.,
16 Church Street,
East Dereham, Norfolk.

MILES OF YARN,
1 Naseby Gardens,
St. Neots, Cambridge.

MIDLANDS & MID WALES

ALL-SEW KNIT,
9 Halesowen Street,
Rowley Regis, Warley.

ALL-SEW KNIT,
1558 Coventry Road,
Yardley, Birmingham.

ALL-SEW KNIT,
15A Houndsgate, Nottingham.

ALL-SEW KNIT,
Merry Hill Shopping Centre,
Brierley Hill, Dudley,
West Midlands.

BULL RING KNITTING CENTRE,
53-54 Indoor Market,
Bull Ring Shopping Centre,
Birmingham.

BURTON SEWING MACHINES LTD.,
73 Horninglow Road,
Burton on Trent, Staffs.

GARDI HOME KNITTING SUPPLIES,
20 St. Mary's Road,
Market Harborough,
Leicestershire.

KETTERING SEWING CENTRE,
1-9 Overstone Road,
Northampton,
Northamptonshire.

KETTERING SEWING CENTRE,
8 Dalkeith Place, Kettering.

MONICA,
8 Short Bridge Street,
Newtown, Powys.

SEW & KNIT MACHINE CENTRE,
58 Wyle Cop, Shrewsbury.

SINGER SEWING CENTRE DERBY,
39 Main Centre,
London Road, Derby.

WOOLSAVERS,
16 Brook Square,
Rugeley, Staffordshire.

NORTH WEST & NORTH WALES

BAMBER SEW-KNIT,
42-44 Oldham Street,
Piccadilly, Manchester.

CLIFF JONES,
104 Breck Road,
Anfield, Liverpool.

HOBKIRK & SONS LTD.,
122/128 Darwin Street,
Blackburn.

HOBKIRK & SONS LTD.,
22 Union Arcade, Bury.

HOBKIRK & SONS LTD.,
20 Fishergate Walk,
St. George's Centre, Preston.

HOBKIRK & SONS LTD.,
119 Yorkshire Street,
Rochdale.

SEWING & KNIT CENTRE,
21 Queen Street,
Rhyl, Clwyd.

SEW-RITE SEWING MACHINES,
Shop No. 9, The Market,
Bank Street, Warrington.

YORKSHIRE & NORTH EAST

DIRECT KNITTING & SEWING,
7 Odeon Arcade,
Hallgate, Doncaster.

DIRECT KNITTING & SEWING SUPPLIES LTD.,
769-771 Attercliffe Road,
Sheffield.

HOWDENS,
34 Sunbridge Road, Bradford.

JOHNSON'S SEWING & KNITTING,
22 Wood Street,
Doncaster, South Yorkshire.

KNITCRAFT,
24 Stockton Road,
Sunderland.

MEYNELL LTD.,
2 Southfield Road,
Middlesbrough.

SPINNING WHEEL,
Seaside Lane, Eastington,
County Durham.

TRANSFER INDUSTRIES LTD.,
Unit 8,
Barnes Trading Estate,
Main Street, Bramley,
Rotherham, South Yorkshire.

WAKEFIELD SEW & KNIT CENTRE,
15 Lower Warrengate,
Wakefield, West Yorkshire.

SCOTLAND

BANFF KNITTING CENTRE,
10A Boyndie Street, Banff.

DRUMMOND WOOLS,
79-81 Haymarket Terrace,
Edinburgh.

KNITTING MACHINE CENTRE,
61 King Street, Glasgow.

K-KNITS,
120 Commercial Street,
Kirkcaldy, Fife.

NEEDLES & PINS,
293 Hilltown, Dundee.

NORTHERN SEWING MACHINES,
5 Urquhart Road, Aberdeen.

STITCHERS,
93 West High Street,
Forfar, Angus.

CHANNEL ISLANDS

KATE'S KNITTING MACHINES,
Rickarty Cottage Wing,
Pleinheuma Road,
Vale, Guernsey.

NORTHERN & SOUTHERN IRELAND

SHERWOOD SEWING MACHINES LTD.,
138 Parnell Street, Dublin.

SHERWOOD SEWING MACHINES LTD.,
133-137 Royal Avenue,
Belfast.

For a free demonstration visit your local Dealer NOW

For a brochure:

Send a 9"x12" stamped addressed envelope to:

Silver Knitting Machines Ltd., Unit 1, 10 Wandle Way, Willow Lane Trading Estate, Mitcham, Surrey CR4 4TE.

By special request

Joan Lafferty, who writes the 'Latch On' feature in our sister publication *Machine Knitting Monthly*, kindly sent in this pattern in response to a letter from Mr Alec Davison, published in our October 1993 issue.

BACK

With carriage at right and using MY, cast on 156 [164, 172, 180, 188, 196] sts at centre in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 36 rows. Transfer sts for st st. Set RC at 000. Using MT, K 136 [136, 136, 144, 144, 144] rows.

Shape Armholes

Cast off 9 [10, 11, 12, 13, 14] sts at beg of next 2 rows. Cast off 3 sts at beg and dec 1 st at end of next 8 rows. 106 [112, 118, 124, 130, 136] sts *. K 82 [90, 94, 102, 106, 110] rows. RC shows 228 [236, 240, 256, 260, 264].

Shape Shoulders

Cast off 10 [11, 12, 12, 13, 14] sts at beg of next 4 rows and 12 [12, 12, 13, 13, 13] sts at beg of foll 2 rows. Using WY, K a few rows

over rem 42 [44, 46, 50, 52, 54] Ns and release from machine.

FRONT

Work as for back to *. K 54 [62, 62, 70, 68, 72] rows.

Shape Neck

Push 63 [67, 71, 76, 80, 84] Ns at left to HP and cont on rem sts for first side. K 1 row. Dec 1 st at neck edge on every row until 32 [34, 36, 37, 39, 41] sts rem. K 16 [16, 20, 20, 26, 26] rows.

Shape Shoulder

Cast off 10 [11, 12, 12, 13, 14] sts at beg of next and foll alt row, K 1 row. Cast off rem 12 [12, 12, 13, 13, 13] sts. With carriage at right, push 20 [22, 24, 28, 30, 32] Ns at right from HP to UWP. Using WY, K a few rows and release from machine. With carriage at left, push rem Ns from HP to UWP and finish to correspond with first side, reversing shapings.

NECKBAND

Join right shoulder seam. With carriage at right and using MT-5/MT-5 and MY, cast on 121 [125, 135, 143, 153, 157] sts in 1x1 rib. Set RC at 000. Using MT-3/MT-3, K 32 rows. Transfer sts for st st. Pick up sts from cast on row and place on to Ns. Using MT+4, K 1 row. With K side facing, pick up sts around neck edge and place on to Ns. Using MT, K 5 rows. Using WY, K a few rows and release from machine.

ARMHOLE BANDS

Join left shoulder and neckband seam. Push 157 [165, 173, 183, 191, 199] Ns to WP. With K side facing, pick up 157 [165, 173, 183, 191, 199] sts around armhole

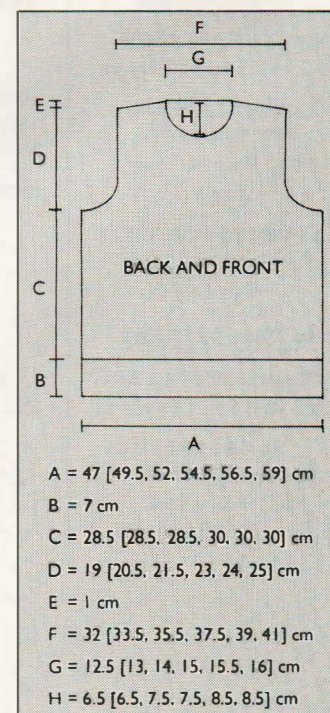
edge and place on to Ns. Set RC at 000. Using MT and MY, K 1 row. Transfer sts for 1x1 rib. Using MT-3/MT-3, K 5 rows. Dec 1 st at each end of next and foll 4th row. K 7 rows. Inc 1 st at each end of next and foll 4th row. K 5 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

Join side seams. Pin neck edging in position. Fold armhole bands in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MY.



PATTERN RATING

* Easy to knit.

MACHINES

This pattern is suitable for standard gauge machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

Approximately 250g of Industrial Shetland Wool. (Yarn Guide No. 10.)

GARMENT WEIGHT

Finished garment in third size weighs 195g.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust or chest 82 [87, 92, 97, 102, 107] cm, 32 [34, 36, 38, 40, 42] in.

Actual size 93 [98, 103, 108, 112, 117] cm, 36 1/2 [38 1/2, 40 1/2, 42 1/2, 44, 46] in.

Length to shoulder 54.5 [56, 57, 60, 61, 62] cm, 21 1/2 [22, 22 1/2, 23 1/2, 24, 24 1/2] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

33 stitches and 48 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 6).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment.



Picture parade

Dog lovers will appreciate these delightful Golden Retriever designs by Jo Newton, which really come to life with a touch of hand work to finish them off.

I have more requests for Golden Retriever designs than for any other breed of dog and this month's pictures are taken from photographs of a much loved Scottish family pet.

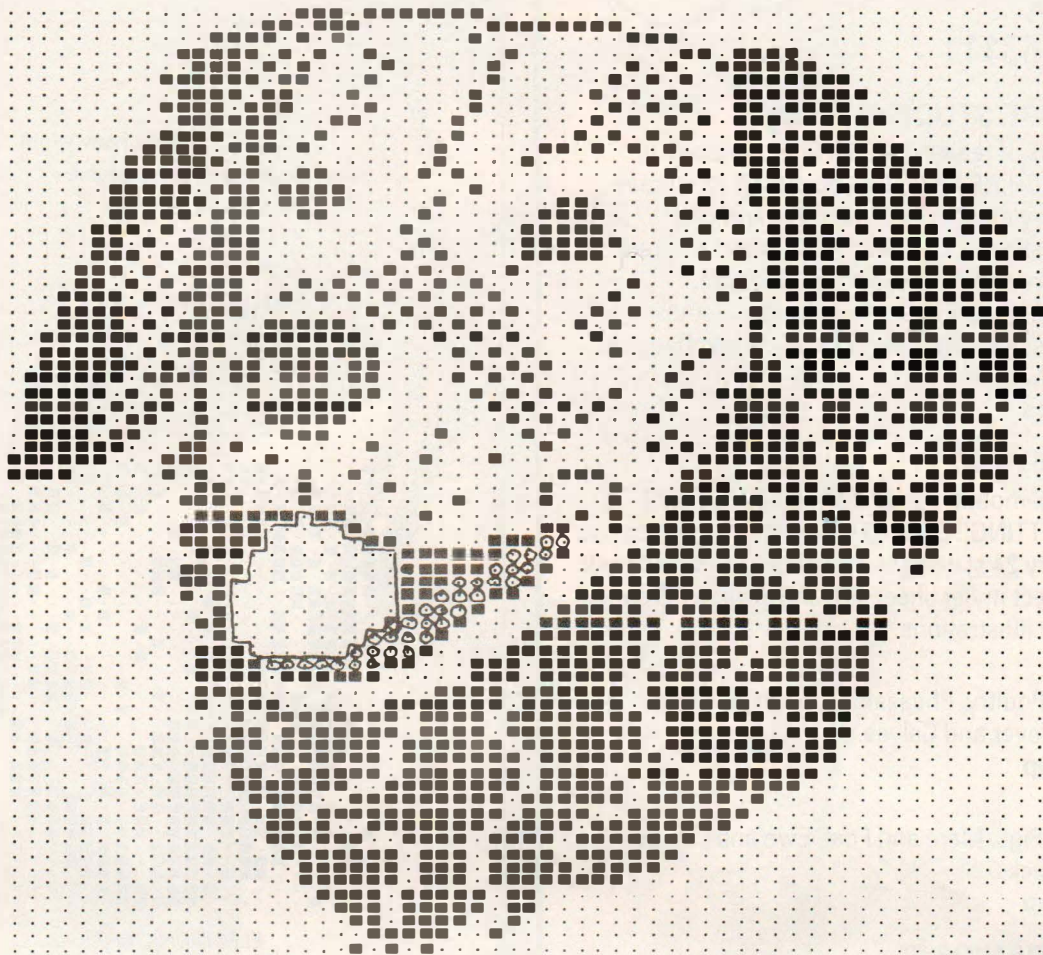
These dogs always seem to have a smile on their faces and this characteristic has been emphasised in the larger electronic/intarsia design by a little Swiss-darning in dark brown, as marked on the

chart. The eyes are also embroidered in the same colour and the tongue in pink.

The 24-stitch motif can be used to complement the former design in bands above the welt or

on the sleeves of a jumper, or in its own right as a single motif or repeating. Swiss-darning of the eyes and tongue as marked on the charts adds to the realism.





ELECTRONIC CHART 1

Copyright design by Jo Newton



JO NEWTON

KNITTING DESIGNER

Barrowby Old Hall,
Grantham, Lincs
NG32 1BX
Tel: 0476 63111



JO'S NATURE STUDIES

A bumper book of realistic motifs first published in 'MODERN MACHINE KNITTING' featuring 12 animals. Complementary designs for Electronic and 24st machines. Punchcard and electronic graphs. Correct Mylar sheet size and easy stitch count format. Otters, Flying Swans, Foxes, Hedgehogs, Siamese Kittens, Robins, Pandas, Elephants, Donkeys, Badgers, Penguins & Swallows.
£3.99 + 35p p&p

'JO'S FARMYARD'

Superb Animal motifs first published in 'MODERN MACHINE KNITTING'. Each 60 st picture has at least two complementary 24 st designs. Punchcard and Electronic graphs in correct mylar sheet size and easy stitch count format. Colour illustrations.

VOL 1

Shire Horses, Poultry, Pheasants, Cat and Kittens, Labrador/Retriever and Calves.

£2.95 + 25p p&p

VOL 2

Border Collie, Pigs, Mare and Foal, Ewe and Lambs, Rabbits and Ducks.

£2.95 + 25p p&p

'JO'S COMPANIONS'

Electronic/Intarsia motifs, Kitten in Tree, Alsatian, Boxer, Jack Russell, Horse, Border Collie Pup, Kitten and Ball and Westie. Correct mylar sheet size. Colour illustrations.
£2.95 + 25p p&p

'JO'S SPORTS TWO'

Authentic action motifs in 24 st punchcard and electronic format, two to each sport. Foxhunting, Fishing, Hockey, Bowls, Steeplechasing, Windsurfing, Tennis and Motor Cycling. Colour illustrations.
£2.95 + 25p p&p

'JO'S SPORTS'

Format and price as above. Cricket, Soccer, American Football, Show Jumping, Shooting, Racing, Skiing, Golf.

'JO'S PETS'

24 st repeating animal designs. No float longer than 6 stitches. Elephants, Swans on Water, Mice I, Terriers, Cats, Rabbits, Horses' heads, Mice II and a lovely all over pattern of spirited Arab Horses.
£2.50 + 25p p&p

D3

All the above books are now available on Disk for Brother or Designaknit. £4.95 + 25p p&p or 35p p&p for Book and Disk ordered together. Please state format required.

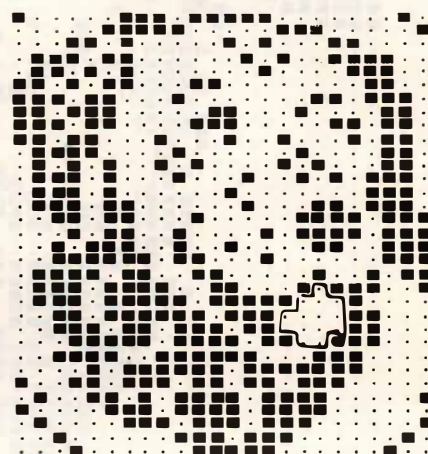
P

icture parade

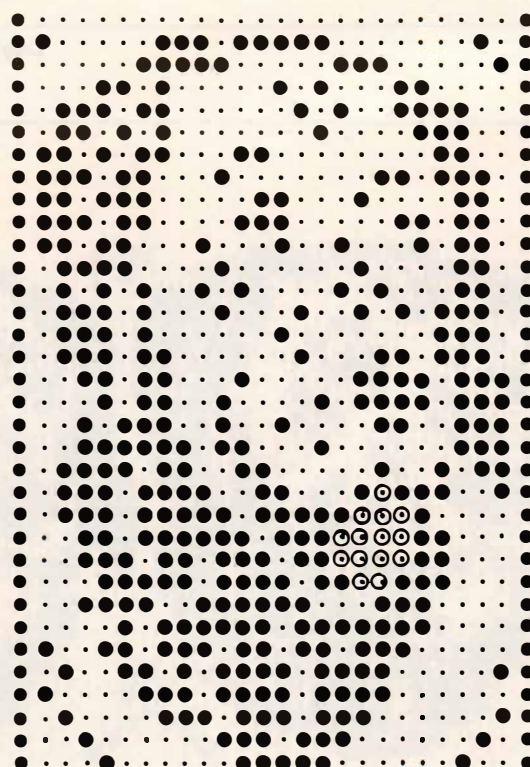
◀ 51

YARNS USED

Forsell 2-ply Pure New Wool
Superwash (used double
throughout)
47 Old Gold
61 Soft Sand
Forsell Shamal
502 Llama
533 Tobacco



ELECTRONIC CHART 2



PUNCHCARD CHART

W elcome to machine knitting

ROUND THE PATTERN DIAL

Over the last few months we have looked at some of the basic techniques required for the production of a garment on your knitting machine. All of these techniques have been concerned with the operation of the machine and the shape of the garment. This month we are going to look at the surface design and the fabric of the garment and talk about one of the most used stitch patterns.

STOCKING STITCH

You might be forgiven for thinking that there is not much to be said about stocking stitch, but you would be quite wrong. Stocking stitch is the basis of your garment and when you are just learning about your machine and becoming familiar with its various operations, then stocking stitch is what you should be using.

TENSION

Not a favourite word amongst machine knitters and we have dealt with it in an earlier issue but this mention is from a different point of view. Of course the tension must be correct, that is, contain the correct number of rows and stitches to the inch or ten centimetres or whatever you have chosen, but the tension must also be right in that the fabric should look good and feel good, regardless of the mathematics. I am sure that I have said this before but it is worth repeating. It is no good having a tension swatch that is accurate for rows and stitch measurements if the fabric is so hard that it will stand up on its own, or so soft that you can see through the stitches. The fabric must be right for the type of garment you are knitting. There are two good guides to give you an indication as to whether or not you have got close to the right stitch size on your tension dial. First of all, there is the feel of the machine as you move your carriage across

the needles in working position. If the carriage is hard to push there is something amiss. Either the yarn is hairy and needs a spray of silicone wax or your machine needs cleaning and oiling, but if neither of those apply then the chances are that your tension is too tight for the yarn. It is also possible to have much too loose a tension and in that case the carriage will be just as hard to push as it is when the tension is too tight.

The checklist then is that if your machine is cleaned and oiled and the yarn is waxed or does not need waxing, but if the carriage is still difficult to push the tension is likely to be wrong.

TO TEST

If after several attempts at altering the tension, the carriage is still difficult to push, change the yarn to one that you know is OK and you also know which tension you used for it. If that runs through with no problem, then you know that the yarn you are trying to use is the difficulty and not your machine. Almost all problems with knitting machine operation are solved by a process of elimination and this is a good example.

The second indication as to whether or not you have the right stitch size is by the look of the formed stitches once you have knitted a row or two. Look at the row you have just knitted and at the actual row that is on the needles. If the stitches have a big gap between them and the

needle hook, then the tension is too loose; if they are pulling up tight against the needles, perhaps even pulling the needles slightly forwards, then your tension is too tight. Finally, when you take the swatch off the machine, the feel of the fabric will tell you whether or not it is right for the garment you plan to knit.

TAKE HEART

All of this takes a lot of words to explain but it is simple, it only takes a few moments and it is something that soon becomes second nature to a busy machine knitter.

KNITTING ACTION

This is the ideal place to make a quick mention of the action of the carriage as you knit. You are machine knitting, you are not ironing, so the action of the carriage is one of push along and pull back from the side of the carriage handle, not pressing down from on top of the handle. The speed at which you knit is also important. Many knitters try to knit far too quickly and that is when problems which would not otherwise occur, rear their heads. A good friend of mine once conducted an interesting experiment with speed knitting. She and I both used the same make and model of machine and the same yarn and we cast on and knitted the same number of stitches and rows in our swatches. The only difference was that she knitted at

top speed and I knitted slowly. We each left our tension swatches to settle for quite a while and when we measured them, my swatch, knitted slowly was a good half inch bigger than my friend's swatch which had been knitted at speed. That little experiment proved to me that rushing is not a good idea. I am sure that many of you will be able to remember the awful crunch of a needle or the snap of the yarn on an occasion when you have tried to rush your machine!

A GOOD GUIDE

A good guide as to the correct knitting speed is to watch a machine with a motor in operation and that will give you an idea of what the ideal speed is ... it will be slower than you think. By knitting at a steady and constant speed you are giving the mechanics of the machine time to do their job properly and you also lessen the chances of a 'crunch up'.

MAKING STOCKING STITCH SPECIAL

Stocking stitch most certainly does not have to be boring, there are so many ways, mostly easy ones to make stocking stitch special.

YARN CHOICE

Probably the first consideration is your choice of yarn. There are 54 ►

W elcome to machine knitting

◀ 53

so many lovely and not expensive yarns on the market today that we are spoilt for choice. A stocking stitch garment which is absolutely plain does rely on the yarn looking good and even if it is an ordinary pure acrylic, it can still look good if you choose a good quality yarn. When you first start machine knitting you should experiment with as many different yarns as you can lay your hands on. Take advice from more experienced knitters, especially those people who sell their knitwear, because they will be a mine of information where yarns are concerned. Build yourself an information folder of all the yarns you use and make notes of tensions used, patterns knitted, washing comments and so on and you will before very long find that you settle with a range of yarns

that you have tried and tested and use again and again.

CHANGING COLOURS

You can make a garment special by changing your colours and this is also useful for using up those odd ends of cones that always lurk on our yarn shelves and that we are going to use one day!

STRIPES

Stripes can be fun but there are one or two points to watch out for when you decide to knit stripes. First of all the rule is to plan the stripes before you start. A. To make sure that you do the same sequence on all pieces and

B. to make sure that you have sufficient yarn of each colour.

SEWING IN THE ENDS

Stripes look lovely but what a pain they can be when you have all those ends to sew in. You can avoid sewing ends in by using the following method. When you change yarns, leave an end of four or five inches of the yarn you have just finished with and the same length of the yarn you are starting with. Knit the first row. Pull out the needle at the beginning of that row to the holding position, take the two ends of yarn and wrap them over the needle and knit them back by hand and then pull the needle out to the holding position again. With the carriage set always to knit you then knit the next row. Do this for four or five rows and the ends will be secure and you can snip them off close to the fabric without fear of them running. It slows your knitting down a little but does not take so long as sewing in all those ends and it is neater.

conservative and have the back and front the same and just the sleeves in two different colours or you can just have the ribs and neckband in contrast colours. These types of garment are fun to knit and fun to wear and very economical.

TENSION SWATCHES

Sorry, but it has to be mentioned. If you are using two or more very different yarns you will need tension swatches for each of them or else the pieces will not match up. Furthermore, don't mix a pure wool with a pure acrylic because nasty things will happen in the wash. If you are in doubt as to whether two yarns will mix, knit a swatch using them and then wash and dry it. Measure it both before you wash it and afterwards and this will give you a good indication of what would happen to the garment in the wash.

CABLES

Cables are a great way of decorating a plain garment and I always think that cables add 'class' to a garment. I am sure that many a knitter has attempted cables and abandoned them after the first row or two because they think that they are hard to knit and they are worried about pushing the carriage over the cable needles because it feels stiff.

EXTRA YARN FOR EASE

You need a little extra yarn when you are knitting cables; to loosen the stitches over the cable area. The best way to ensure this, is to transfer a stitch either side of the

AN ALTERNATIVE TO STRIPES

It can be great fun and uses up oddments of yarn if you knit the pieces of a garment in several different colours. The back can be one colour, the front another and the two sleeves yet two more colours. This type of garment would be perhaps more suitable for a youngster than an adult but I had one once, not so very long ago and I could have taken several orders from interested customers. The snag of course was that I had made it up as I went along and I could not repeat the colour combinations because I did not have any more of the same yarns (isn't it always the way . . . chance of fame gone again!). You can be a little more

MS AMERICAN SUBSCRIPTION

Modern Machine Knitting Subscription Order Form

Please begin my one year subscription,

starting: (month)

Cost in U.S.A.: \$60.00 (US) (includes postage,
handling and insurance).

Please Print

Name:

Address:

City State

Zip Code Phone ()

Please send your check or money order to:

Modern Sales U.S.A. Inc.
7724 88th Drive S.E.
Snohomish
Washington 98290
Phone & Fax: 206-568-5193

1113

cable area to its adjacent needle. For example, if you are making a cable over the centre six needles, then you should transfer the stitch before the first cable needle to the needle on its right and transfer the stitch after the last cable needle to the needle on its left. You now have six cable needles with an empty needle either side. Put the empty needles back to the non working position (NWP). If you are making a cable every eight rows, knit until row seven and on that row bring the two empty needles right forward to the holding position, with the carriage set to knit. Knit across and you will have a strand of yarn across those empty needles. Push the needles back again to the NWP and this will give you just that little bit of extra yarn to work with and make the cabling easier.

MAKE IT EASY ON YOURSELF

If you are working out your own cables, try to make the calculating easy. For example if you are doing a raglan decrease on alter-

nate rows or every four rows then have a cable every eight rows and then they are easier to keep track of. It does not have to be a big cable to be effective, even two stitches transferred over two looks attractive, especially on a child's garment. When you make the transfer, leave the cabling needles out at the holding position with your carriage set to knit and this will make it easier to knit across on the transfer row. Your needles might look as though they are under some strain but as long as you knit across that row carefully and slowly it will be perfectly all right. Once you have done the first few rows of your cables you will find that they are much easier.

NOTE

Do watch carefully that you make the transfer in the same direction each time. It is an awful feeling when you glance proudly over the front of a cable sweater only to realise that just one cable has been done in the wrong direction! Similarly, check your row

number too, because it is easy to knit eight rows instead of four!

V NECKS

A cable up the centre of a V neck sweater looks great but – a word of warning. Finish the cable at least 20 rows before the start of the V neck shaping if possible. If you don't, the cable will be pulled upwards and distorted by the neckband.

VARIATIONS

You can have as many variations on cables as you wish, something very simple or something quite elaborate but all very effective and not difficult.

ing lights (yes, I saw some!). Experiment is the key word, so if you fancy it, have a go. Some of the appliques can be very expensive, so do use a background yarn that is going to wash and wear well if you have spent extra money on a decoration. Swiss darning, embroidery, ribbons, buttons and all kinds of little extras are good fun, make a garment exclusive and can be done for very little extra time and expense. Planning is important if you are really going to town. I am sure that you have all seen some knitwear decorations positioned on some less than ideal places. Think about where it will be once the garment is on a body!

FINALLY

Who would have thought that there was so much to say about stocking stitch. However, stocking stitch is the ideal stitch through which to get to know your knitting machine well and it need not be basic and boring... not at all. Next month – Fair Isle knitting.

SUGGESTION BOX

Modern Machine Knitting is produced and published especially for you. We rely on you to tell us when we're getting it wrong or if you think something's missing or even if you like what we're doing. That way we can keep *Modern Machine Knitting* growing and developing just the way you want.

Here's your chance to have your say – and you don't even have to sit down and write a letter. Simply write your suggestion or comment in the space below and pop it in the post to us. We'll do our very best to make sure *Modern Machine Knitting* is the magazine you want.

Name: _____ Town: _____ Postcode: _____

Send this form to Modern Machine Knitting, 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW

Mediaeval tapestry sweater

Inspired by a mediaeval tapestry, this Fair Isle sweater is designed by Barbara Tobias in King Cole Carolina Soft Cotton.

BACK

With carriage at right and using MC, cast on 156 [170, 186] sts at centre in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-6/MT-6, K 36 rows. Transfer sts for st st *. Insert card and lock on first row. Set RC at 000. Using MT-1, K 3 rows. Release card and cont in Fair Isle with C in feeder 1/A and MC in feeder 2/B. Using MT, K 117 rows. RC shows 120. Place marker at each end. K 24 rows. RC shows 144. Remove card. Cont in st st and C. Using MT-1, K 2 rows **. Using MC, K 68 [72, 76] rows. RC shows 214 [218,

222]. Push 52 [58, 64] Ns at left and right to HP. Using WY, K a few rows over rem 52 [54, 58] Ns and release from machine. Push 52 [58, 64] Ns at right from HP to UWP. Using WY, K a few rows and release from machine. Push 52 [58, 64] Ns at left from HP to UWP. Using WY, K a few rows and release from machine.

FRONT

Work as for back to **. Using MC, K 38 [42, 46] rows.

Shape Neck

Push 88 [96, 106] Ns at left to HP. Cont on rem sts for first side. Dec 1 st at neck edge on every row until 58 [64, 70] sts rem,

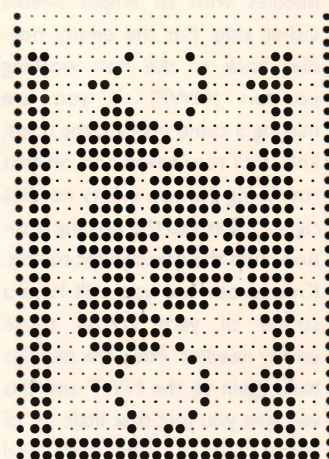
then on every foll alt row until 52 [58, 64] sts rem. K 8 rows. Using WY, K a few rows and release from machine. With carriage at right, push 20 [22, 26] Ns at right from HP to UWP. Using WY, K a few rows and release from machine. With carriage at left, push rem Ns from HP to UWP and finish to correspond with first side, reversing shapings.

SLEEVES

With carriage at right and using MC, cast on 74 [76, 78] sts at centre in 1x1 rib. Work as for back from * to *. Insert card and lock on first row. Set RC at 000. Cont in patt and shape sides by

inc 1 st at each end of every alt row until there are 90 [96, 102] sts, then on every foll 4th row until there are 130 [140, 148] sts,

PUNCHCARD CHART



PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.
If you don't have a ribber, work ribs in mock rib.

MATERIALS

King Cole Carolina Soft Cotton. (Yarn Guide No. 12.)
1 x 500g cone in Aran (MC).
1 x 500g cone in Iced Coffee (C).

GARMENT WEIGHT

Finished garment in second size weighs 505g.

The fibre content of this yarn is 100% Cotton. For further information about this yarn, please write to the following address:- King Cole Ltd., Merrie Mills, Old Souls Way, Bingley, West Yorkshire BD16 2AX.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust or chest 87-92 [97-102, 107-112] cm, 34-36 [38-40, 42-44] in.
Actual size 106 [116, 126] cm, 41 1/2 [45 1/2, 49 1/2] in.

Length to shoulder 67 [68, 69] cm, 26 1/2 [27, 27 1/2] in.
Sleeve seam 49 cm, 19 1/2 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

29 stitches and 35 rows to 10 cm, 4 in measured over Fair Isle pattern (tension dial approximately 8).
29 stitches and 38 rows to 10 cm, 4 in measured over stocking stitch on MT-1 (tension dial approximately 7).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment. Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.

Silver Reed Electronic Machines

Place needle 1 cam between Ns 12 and 13 at left of centre 0. Press button 1 (left light on) and button 2 (left light on for 580 and SK840 machines, or right light on for other models).

Brother Electronic Machines

Place pattern over centre 0.

Sleeve Pattern

Using MT-1, K 3 rows. Release card and cont in Fair Isle with C in feeder 1/A and MC in feeder 2/B. Using MT, K 85 rows. Remove card.

Cont in st st and C. Using MT-1, K 2 rows. Using MC, K 60 rows.



● For all machines



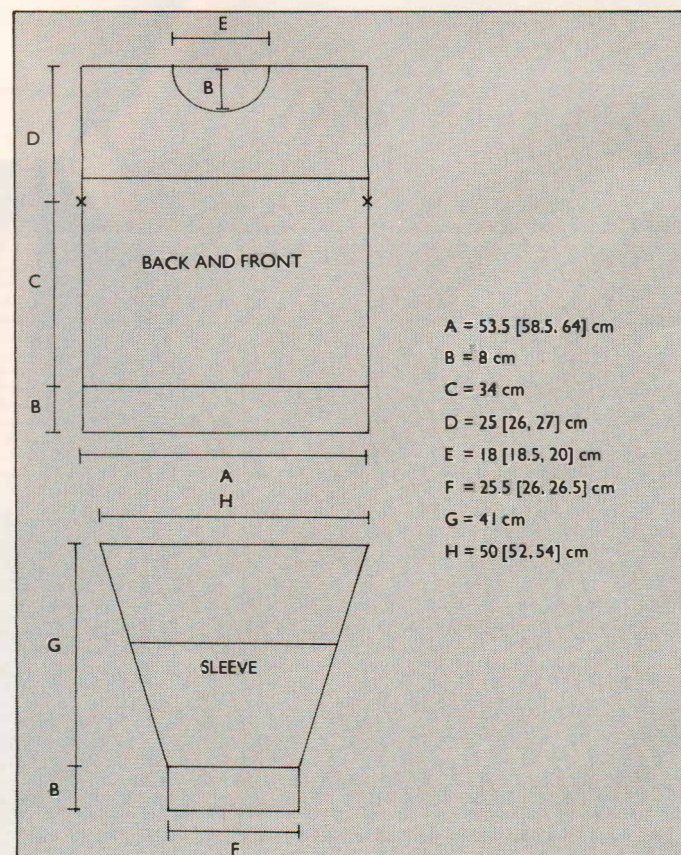
IT'S A GIFT
Only £21.60
Subscription
TREAT
A FRIEND

[illegible]

Post coupon or use separate paper to avoid cutting magazine.

MOD 4/94 (D4)

Join neckband seam. Set in sleeves between markers. Join side and sleeve seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MC.



ABBREVIATIONS

alt = alternate(ly)
 beg = beginning
 ch = chain
 cm = centimetres
 cont = continue(ing)
 dc = double crochet
 dec = decrease(ing)
 foll = following
 g = grams
 HP = holding position
 in = inch(es)
 inc = increase(ing)
 K = knit
 mm = millimetres
 MT = main tension
 MT-1, MT-2, MT-3 = one, two, three
 full sizes tighter than main tension

MT+1, MT+2, MT+3 = one, two, three
 full sizes looser than main tension
 MY = main yarn
 N(s) = needle(s)
 NWP = non working position
 P = purl
 patt = pattern
 RC = row counter
 rem = remain(ing)
 rep = repeat
 ss = stitch size
 st(s) = stitch(es)
 st st = stocking stitch
 tog = together
 UWP = upper working position
 WP = working position
 WY = waste yarn

YARNS

Yarns used for our patterns are matched to this guide for thickness. If you want to use a different yarn and, especially for readers overseas who may not be able to buy the originals, choose a yarn of the same thickness. If you do use a different yarn here are a few tips.

Firstly, your garment is likely to be more successful if you use a very similar yarn so look for slubbed cotton for slubbed cotton, acrylic for acrylic, wool for wool and so on. A change of fibre is perfectly possible but requires even more care in checking tension, quantity and, above all, suitability in the resulting 'feel' and 'hang' of the knitted fabric.

To compare yarns, hold the proposed substitute over the guide and stretch it out until it is just taut, not pulled tightly. A good match should fit the guide lines closely.

Now that you have a suitable yarn, how much do you buy? Whenever possible buy the yarn by length rather than weight as different fibres and treatments can vary the weight of yarns a great deal. A 500 gram cone of airy acrylic would have many more metres or yards of yarn on it than a 500 gram cone of much denser cotton.

After matching the tension, the garments in the

original and substitute yarns would have much the same number of stitches knitted throughout and therefore need much the same yarn length. When you cannot discover the length on the cone it is best to err on the generous side whilst using your previous experience to decide how many cones you would expect the garment to take.

It is possible to work out the length required for a garment by measuring the length used for a tension square and calculating the total area of the garment from the diagram but I think you would need to be addicted to mathematics to find this worthwhile.

Having bought your yarn, experiment until you have matched the original tension. To achieve the best 'handle' it may be necessary to vary the number of stitches or rows a little. This is no problem if you are using a charting device but will require extra calculation if you want to follow the written pattern where the numbers stated for rows and stitches will not now apply.

If all this sounds like too much trouble, take care. You could be lucky and knit a perfect garment in the first yarn that comes to hand but you could also be badly disappointed. Time is precious to all of us so it is worth 'wasting' a little to avoid wasting a lot. You will be rewarded by a successful result.

MOCK RIB

Used for welts, cuffs, neckbands and other edges on single bed machines without a ribber.

Push the number of main bed needles given in pattern to working position. Push every alternate needle back to non-working position for a 1x1 rib or every third needle back to non-working position for a 2x1 rib. It may be necessary to reduce this number by one needle at one or both edges to keep rib even. (Increase the stitches after the mock rib has been worked to give the same number as the pattern.)

Using main tension and waste yarn, cast on and knit a few rows ending with carriage at left. Set row counter at 000. Using at least two full sizes tighter than main tension, knit the number of rows given in

pattern for rib. Using three full sizes looser than this tension, knit one row. (This loose row gives a neat fold line.) Return to two full sizes tighter than main tension and knit the same number of rows as before. Push empty needles from non-working to working position and make a hem by placing loops of first row worked in main yarn evenly along the row. Make sure that each empty needle holds a loop to prevent a row of holes across the work.

Unravel waste yarn after work has been removed from machine. After garment has been blocked to size, insert a metal welt bar or thin, clean piece of wood through the hem and pull firmly downwards to draw stitches of mock rib closer together. Set the stitches by steaming lightly on wrong side, if pressing instructions permit.

as given in pattern instructions.

When knitting is removed from machine, pull yarn end at cast-on edge to gather up sts or, for a straight edge, pull yarn end to remove any slack and fasten off. See pattern for which is required. Your manual will describe this method of casting on although it may be called by a different name and may not use a cast-on comb.

QUICK CAST-ON

This method can be used for both speed and when edges are either hidden or to be gathered by pulling up yarn end.

Carriage at right. Push alt Ns to WP. Use tension dial setting and either MY or WY as given in pattern. K1 row. Hook on cast-on comb. Push rem alt Ns into WP. K1 row. Carriage back at right. Cont

YARN GUIDE

EXTRA FINE	1
	2
	3
FINE	4
	5
	6
FINE-MEDIUM	7
	8
	9
MEDIUM	10
	11
	12
MEDIUM-THICK	13
	14
	15
THICK	16
	17
	18
EXTRA THICK	19
	20
	21



Fair play

A traditional cabled cricket slipover by Gail Miller, knitted in Yeoman Panama, should be a popular addition to your man's wardrobe this summer.

BACK

Push 166 [174, 182, 190, 198] Ns at centre to WP. Using MY and WY, cast on and K a few rows, ending with carriage at right. Using MC, K 2 rows. Transfer sts for patt as on first row of chart over centre 146 Ns. Set RC at 000. Cont in patt from chart. K 136 rows*.

Shape Armholes

Cast off 4 sts at beg of next 2 rows. Dec 1 st at each end of every row until 118 [126, 134, 142, 150] sts rem. K 77 [81, 81, 85, 85] rows. RC shows 235 [239, 239, 243, 243]. Place a marker between sts 26 and 27 at left and right of centre 0. Cast off.

FRONT

Work as for back to*.

Shape Neck and Armhole

Using nylon cord, K 83 [87, 91, 95, 99] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. Dec 1 st at neck edge on every 3rd row and, AT THE SAME TIME, cast off 4 sts at beg of next row, K 1 row. Dec 1

st at armhole edge on every row until 52 [56, 60, 64, 68] sts rem. Cont to dec at neck edge only on every 3rd row from previous dec until 33 [37, 41, 45, 49] sts rem. K 21 [25, 25, 29, 29] rows. Cast off. With carriage at left, unravel nylon cord over rem Ns, bringing Ns back to WP. Finish to correspond with first side, reversing shapings.

WELTS

With carriage at right and using MT-5/MT-5 and MC, cast on 144 [152, 160, 168, 176] sts in 1x1 rib. K 2 tubular rows. Carriage is at left. Set carriage for 1x1 rib knitting. Set RC at 000. K 2 rows. Using B, K 2 rows. Using MC, K 4 rows. Using A, K 2 rows. Using MC, K 20 rows. Transfer sts for st st. Using MT, K 1 row. With P side facing, replace sts from lower edge on to Ns, gathering evenly. Unravel WY. Using MT+3, K 1 row. Cast off.

NECKBAND

With carriage at right and using MT-5/MT-5 and MC, cast on

188 [194, 194, 200, 200] sts in 1x1 rib. * K 2 tubular rows. Carriage is at left. Set carriage for 1x1 rib knitting. Set RC at 000. K

1 row. Using B, K 2 rows. Using MC, K 4 rows. Using A, K 2 rows. Using MC, K 12 rows. Transfer sts to main bed. Cast off*.

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

Yeoman Panama. (Yarn Guide No. 10.)

1 x 500g cone in Cream (MC).

Yeoman Brittany. (2 ends knitted together.) (Yarn Guide No. 10.)

A small amount in Mid Green (A), and Country Green (B).

GARMENT WEIGHT

Finished garment in third size weighs 325g.

The fibre content of Panama is 50% Cotton, 50% Acrylic; Brittany is 100% Cotton. For further information about this yarn, please write to the following address:- Yeoman Yarns, 36 Churchill Way, Fleckney, Leicestershire LE8 0UD.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit chest 92 [97, 102, 107, 112] cm, 36 [38, 40, 42, 44] in.

Actual size 99 [104, 109, 114, 118] cm, 39 [41, 43, 45, 46 1/2] in.

Length to shoulder 70 [71, 71, 72, 72] cm, 27 1/2 [28, 28, 28 1/2, 28 1/2] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

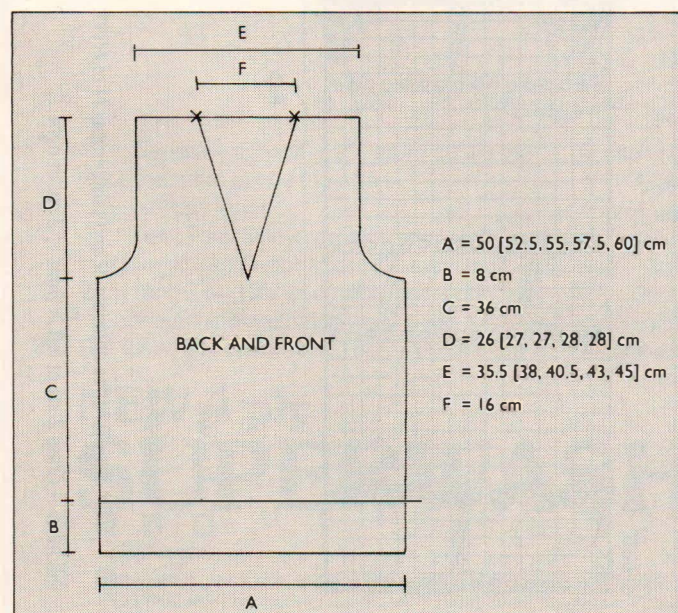
33 stitches and 38 rows to 10 cm, 4 in measured over cable pattern (tension dial approximately 7).

For perfect results, please check your tension carefully.

KNITTING NOTES

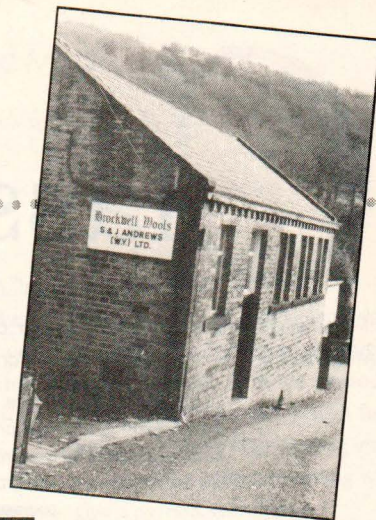
We used knit side of knitting as right side of garment. Count Ns in NWP as sts throughout.

Use 2 strands of A or B together throughout.



A complete yarn service

A good reliable yarn service is vital to every machine knitter. Read all about Brockwell Yarns, send for their shade cards and sample the service for yourself.



Brockwell Yarns – S. & J. Andrews (WY) Limited were established some ten years ago to manufacture and supply both hand and machine knitting yarns in natural fibres for craft knitters. In the early years they supplied principally wool and mohair yarns, but demand for cotton meant that a trial range was introduced to test the market.

Demand for cotton grew steadily, so that now more cotton than wool is produced, with several different varieties available.

A new spinning department has recently been opened, which initially produced only Aran and chunky weight yarns in ecru and naturally-coloured British wools, such as Black Welsh, Suffolk and Wensleydale. However, dyed shades should be available by the time you read this, both in the Aran weight and in finer machine knitting yarns from four-ply to double knitting weight.

From the small mill in the Ryburn Valley, just off the A58 Halifax to Rochdale road at Triangle, the tradition of yarn manufacture, which started with a water powered mill in the 1800's, is continued. Brockwell Yarns utilise components from suppliers and commission dyers both in West Yorkshire and from across the Pennines in Lancashire – traditionally the home of cotton.

The Lambswool yarns are oiled, so they require washing after knitting to remove the oil and develop the soft fluffy fabric generally associated with lambswool. Botany and cotton are dry spun and waxed on cone, which makes them easy to knit on domestic machines, requiring no



special treatment other than that which you would generally afford to any good quality yarns.

The best product for removing the oil in Lambswool is Sanso-

laine, which is specifically manufactured for use by the Scottish and Midlands knitwear industry. This is available from Brockwell Yarns in small quantities for the

home knitter, accompanied by a very useful leaflet *Care of Knitted Fabrics*. Many experienced knitters use it for the first wash of all our garments knitted in natural fibres.

Every knitter should have a copy of the **Brockwell Yarns** shade card set, for one of the largest selections of Lambswool, Botany Wool, Aran, Plain Cotton with and without slubs, Cotton Bouclé, Mercerised Cotton, Pure Cotton Crêpe and Lurex chainette. There are ten different yarn qualities with over three hundred colours to choose from. Recent additions to the range include a 25% Linen which can be mixed with plain or Mercerised cotton and a Filament Viscose which can be mixed with any of the other yarns.

An exceptional feature of the Brockwell service is that yarns are stocked in a fine single thickness and you may choose to have as many strands as you wish plied (twisted) together to make whatever thickness you require. You may also have various yarns mixed during the twisting stage. Interesting choices might be Mercerised cotton, with a fine lurex, or Lambswool with a strand of Mercerised cotton or Soft cotton and Mercerised cotton. This service also extends to the blending of different colours to create your own colour mix yarns.

A charge of £1.50 is made for the shade cards, but this is deducted from your first order for two or more cones. Send for a set now to Brockwell Yarns – S. & J. Andrews (WY) Limited, Stansfield Mill, Triangle, Sowerby Bridge, West Yorkshire, HX6 3LZ, or call in at the mill to collect a set if you are in the area.



Classifieds

If you would like to advertise in our classified section, please write for information to:

Modern Machine Knitting, 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW or phone Brenda on 0672 516749

Conditions of Acceptance: Advertisers must warrant that their advertisement does not contravene any legislation governing the advertising of goods or provision of service. Whilst every care will be taken to avoid mistakes, the publishers will not be held responsible for consequences arising from printing errors or delay in publication, and reserve the right to alter or refuse any advertisement without reason. Readers are recommended to use every care when entering into a private transaction and to ensure, before parting with money, that goods are suitable for their requirements.

LOCAL SHOPS

KNITTING AUTOMATIC. Brother, Silver Reed, Toyota knitting machines. New Home, Brother Omnistitch sewing machines. Cabinets, linkers, yarns, accessories, tuition etc. Zetland Street, Northallerton, North Yorkshire DL6 1NL. Tel: 0609 773444.

ACCESSORIES

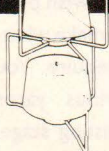
IDEAL EASTER GIFT MINI-VAC VACUUM CLEANER ATTACHMENT

Miniature tools perfect for cleaning knitting machines, computers etc. £10.95 inc p&p. Apply:

MABBOTT & GRIFFITH
9 High Street, Penrhyndeudraeth,
Gwynedd LL48 6BN
Tel: 0766 771398

D4

Twisting Yarn Stack



IDEAL FOR
INDUSTRIAL
YARNS
CREATE YOUR
OWN 'CHUNKY'
YARNS
GENTLY TWISTS AND BLENDS
UP TO 3 CONES

£13.95

No moving parts.
Available from your local stockist or:-
B. HAGUE & CO. LTD., M.K.M., MILE END ROAD,
COLWICK, NOTTINGHAM NG4 2DW. 213

MACHINES

SYLVIA GOODWIN Machine Knitters Paradise + Tuition Centre 27 Beechwood Drive, Thornton, Nr Blackpool FY5 5EJ

- ★ Discount prices + free tuition
- ★ New and used accessories and machines
- ★ Approved Brother, Silver Reed and Passap dealer
- ★ Vast range of quality yarns, books, patterns and accessories

CALL OR PHONE: 0253 853481

Probably the best in the North-West



**CREDIT CARD
BOOKINGS**

**FOR ALL YOUR
ADVERTISING
CALL
BRENDA HUGHES
ON 0672 516749**

**Classifieds
make
advertising
make sense**

YARNS

Nina Miklin

EXCLUSIVE ITALIAN

DESIGNER YARNS ON CONES

100% Pure New Merino Lamb's Wool;
Super Kid Mohair; Angora; Alpaca/Wool,
Silk/Wool and Cashmere/Wool blends.

For Shade Cards and Knitting Tips

send s.a.e. and £3.60 to:

104 Biddulph Mansions, Elgin Avenue
London W9 1HU Tel: 071-286 1532

ACCESS/VISA ACCEPTED 1717

MACHINE REPAIRS

SILVER REED KNITTING MACHINES

**OFFICIAL
REPAIR CENTRE**
REPAIR & SERVICE
FREE ESTIMATES
**ELECTRONICS/
PUNCHCARDS**
ACCESSORIES

**INCLUDED: REPAIR &
SERVICE TO KNITMASTER
BRANDED MACHINES
SOLD PRIOR TO THEIR
LIQUIDATION AND
CLOSE DOWN**

**REPAIR DEPT:
SILVER KNITTING
MACHINES LTD**
UNIT 1, 10 WANDLE WAY
WILLOW LANE TRADING
ESTATE, MITCHAM
SURREY CR4 4TE

TEL: 081-646 2244 NS

REAL SHETLAND KNITTING YARNS From the Shetland Isles

These are spun from 100% pure
wool and renowned for its softness.

We carry a large stock and
endeavour to despatch orders by
return post. Over 300 shades in
various thicknesses, including 1 ply
Cobweb for fine shawls, and
evening stoles with 100 of them
coned for machine knitting.

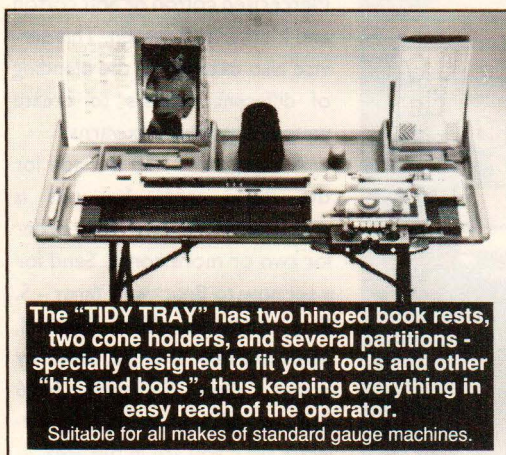
Send £2.00 which can be used
with first order over £10.00 value,
for shade card and price list. We
now stock Hunters' Oiled on cone.

Jamieson & Smith
(Shetland Wool Brokers) Ltd.
MMK Dept, 90 North Road,
Lerwick, Shetland

D4

BOOKS

EXCLUSIVELY E6000 PATTERNS BOOK B £4.50 + 50p p&p
ALICE'S DUOMATIC PATTERN BOOK A £4 + 40p p&p
ALICE'S DUOMATIC BABY BOOK £4.50 + 50p p&p
LEARN TO LOVE YOUR DECO by Angela Gibson £3 + 30p p&p
SIMPLIFIED GUIDE TO PROGRAMMING THE ELECTRONIC 6000 by Jack Pullan £6 + 50p p&p
CONVERT DUOMATIC STS TO THE 6000 by Jack Pullan £8 + 50p p&p
LEARN TO LOVE YOUR FORM COMPUTER by Jack Pullan £1.50 + 30p p&p
ALICE'S LEARN TO LOVE YOUR FORM £1.50 + 40p p&p
PASSAP TRANSFER TOOL BOOKLET £4 + 40p p&p
PASSAP KNITTING MACHINE JOURNAL £7 for 4 issues
KNITTING MACHINE JOURNAL £5 for 4 issues
6000 JOURNAL Nos. 19 to 24 £9 (6 issues)
SAMPLE JOURNALS £1.50 each STATE CLEARLY WHICH
All above are UK prices. All available only from:
M M Wilmshurst, "Hawthornes", Whitecroft, Forest of Dean, Glos GL15 4PF
Tel: 0594 562161



£29.95

+£4.25 p&p.

(Access/Visa accepted)

B. Hague & Co. Ltd.
Mile End Rd.
Colwick,
Nottingham
NG4 2DW
Telephone:
0602 870031

The "TIDY TRAY" has two hinged book rests,
two cone holders, and several partitions -
specially designed to fit your tools and other
"bits and bobs", thus keeping everything in
easy reach of the operator.

Suitable for all makes of standard gauge machines.

Classifieds

LABELS

SILLYEARN PRINTERS - Printed fabric labels and all your stationery requirements. S.A.E. for details to: Sillyearn Printers (Dept. MMK), Sillyearn Croft, Grange, Keith AB55 3SU.

ADDRESS LABELS PRINTED STATIONERY

WOVEN NAME/CRAFT TAPES

WRITE OR PHONE
FOR A SET OF
BROCHURES TODAY.

**7 DAY
PRINT
SERVICE**

MINILABEL, OAK HALL MANOR,
SHEFFIELD PARK, SUSSEX TN22 3QN
0825 - 791055 (24hr)

IF AN ADVERT IS WRONG, WHO PUTS IT RIGHT?

We do.

The Advertising Standards
Authority ensures advertisements
meet with the strict Code of Adver-
tising Practice.

So if you question an adver-
tiser, they have to answer to us.

To find out more about the
ASA, please write to Advertising
Standards Authority,

Department X,
Brook House,
Torrington Place,
London WC1E 7HN.



This space is donated in the interests
of high standards in advertisements.

**Classifieds
make
advertising
make sense**

PATTERNS

BIRDS

5 INTARSIA DESIGNS -
kingfishers, swallows, ducks, barn
owl and tawny owl - PLUS -
hints and tips on Intarsia knitting
£2.00 inc P&P

illustrated in colour

CATS

5 INTARSIA DESIGNS -
shameless twins, persian playmates,
kitten, snow leopard and tabby
£2.00 inc P&P

**FAIR-ISLE
DESIGN
SHEETS**

£3.00

spring-summer

24st punchcard and
electronic machines

IRIS BISHOP

64 Ifield Road,
West Green,
Crawley,
West Sussex

PATTERNS

L'ÉVÊQUE KNITWEAR DESIGNS

Passap/Pfaff Patterns for the new or
improving knitter with Duomatic 5 or 80
machines. Two books and individual
patterns now available.

Send large self stamped addressed
envelope for details to:

Andrea Levick
L'Évêque Knitwear Designs
Woolsack Cottage, Sheepwash
Lane, Godshill, Ventnor,
Isle of Wight PO38 3JR

TERRY MASON You can all now use the well tried KNITTING PATTERN WRITER

Probably the most widely used program for
knitters. Used in many countries

MSDOS PC disks * CPC6128 disks
ATARI disks * COMMODORE 64 disks
SPECTRUM PLUS 3 disks * AMIGA disks

Practically any pattern you need for only:
£34.95

(Tapes still available for only £9.95)

NEW KNITTER'S DATABASE
Now available for your PC for only £24.95 or your
CPC 6128 for only £21.95

Full of features for your knitting records

TERRY MASON

15 Inishmoyn Green, Antrim,
N. Ireland BT41 4JZ
Tel: 0849 462381

FOR SALE

KNITMASTER 360, ribber, lace carriage,
built-in radar, £220. Can deliver reasonable
distance. Tel: 0283 46122 (Burton-on-
Trent).

KNITMASTER 360, ribber, lace carriage,
punchcards, tools, instruction manuals,
table, must sell due to illness, £240. Tel:
0942 36342 (Wigan).

TABLES (2) for knitting machines, £10 each.
Tel: 0291 621714 (Chepstow, Gwent).

TOYOTA 901 plus ribber, many attachments,
yarn, patterns, ill health forces sale, no rea-
sonable offer refused, or swap piano spin-
ning wheel Owhy. Tel: 0636 79127
(Newark).

PASSAP E6000 with stand, as new, U70
transfer carriage, 4-colour auto-changer,
video, books, etc., £850. Tel: 0255 473014
(Clacton-on-Sea).

BROTHER 881 recently serviced, lace car-
riage, built-in Knitleader, punchcards, £230
ono. Tel: 0788 569625 (Rugby) after 6 pm.

KNITMASTER Zippy Plus, hardly used, table,
manuals, £175 ono; Jones Brother 836,
punchcards, manuals, as new, £150. Tel:
0489 572400 (Southampton).

SINGER 624, computerised, lace carriage,
ribber, table, tools, wool, etc. Paid £950 last
year, hardly used, bargain at £650. Tel:
0494 445504 (High Wycombe).

KNITMASTER 326 knitting machine with
ribber, table, wool winder, punchcards and
instruction manuals, very good condition,
£225. Tel: 0422 377961 (Halifax).

KNITMASTER Zippy Plus, punchcards,
hardly used, £150. Tel: 0954 789884 (Cam-
bridge).

TOYOTA KS787 knitting machine, Knit
Tracer, lace carriage, instruction book, also
stand. Hardly used, £75. Tel: 0342 893492
(Lingfield, Surrey).

KNITMASTER chunky, plus ribber, intarsia
and selector. Very good condition, £350.
Tel: 0508 31081 (Norwich).

JONES/BROTHER KH120 fine gauge
machine with lace carriage, all tools,
instruction manual and extra pattern book.
Rarely used, excellent condition, £150. Tel:
0785 211378 (Stafford).

BROTHER 836 punchcard, vgc, £150 ono;
Transfer carriage, £40 ono; Brother KA8310
linker, £40 ono; Table, £10; Wool winder,
£8. Brother. Tel: 0908 564768 (Milton
Keynes).

BROTHER KH950, as new, £350. Tel: 0694
751378 (Shropshire).

BROTHER 910 electronic, lace carriage, lots
of mylar sheets, £250; also new Knitleader,
£50. Tel: 0782 815141 (Tunstall).

★ FREE ADVERTISING ★

Sell your unwanted machine knitting equipment to
other enthusiasts - FREE - only in *Modern Machine
Knitting*!

This very popular feature in our magazine attracts
hundreds of applications - so please consider your
fellow readers and send us only one advertisement
per person each month. Please note that we shall
only include advertisements sent in on our original
order form cut from the magazine. This month the
form is on page 66.

LOOK OUT FOR THE NEXT MODERN MACHINE KNITTING

**MAY ISSUE . . . on sale
Thursday 14th APRIL**

66

WIN! WIN! WIN!

Silver Reed Electronic Pattern Books

Time flies and, before one may consider the profundity of such an assertion, we're back at another prize competition time with our sponsor, Silver, giving another golden opportunity to 75 readers out there to claim one of the new Silver Reed Electronic Pattern books.

The mix-and-match range of super sweaters and cardigans has been produced especially for Silver Reed by MK Publications.

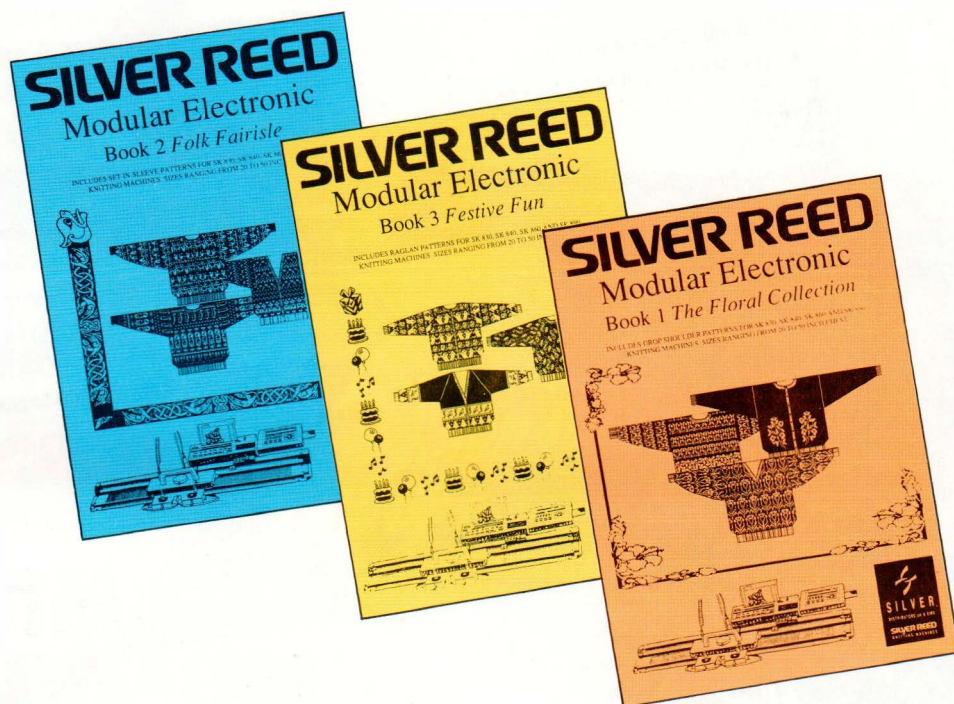
There are three books in the range: Book 1 *The Floral Collection*, Book 2 *Folk Fairisle* and Book 3 *Festive Fun*. Each book includes garment patterns to fit from a 20 inch to a 50 inch chest and all are knitted in Bramwell 4-Ply Acrylic. The large selection of superb stitch designs are ready-to-trace mylar sheet templates to make for easy copying. Why not, then, take a break and see if you can identify a phrase from the first thirteen lines of this month's special rhyming couplets?

Each line will indicate a particular letter used in the phrase. When you have uncovered all thirteen letters they will give you the winning line, when read from top to bottom.

This winning line is some-

what descriptive of how this special prize – and, indeed any product from the sponsor's comprehensive range – will add even more lustre to your machine knitting.

Solve the puzzle, write your answer together with your name and address on a post-card and send it to Rhyme Time Competition, *Modern Machine Knitting*, 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LV, to arrive by 30th April. The first 75 correct entries drawn will each receive one of the Silver Reed Electronic pattern books.

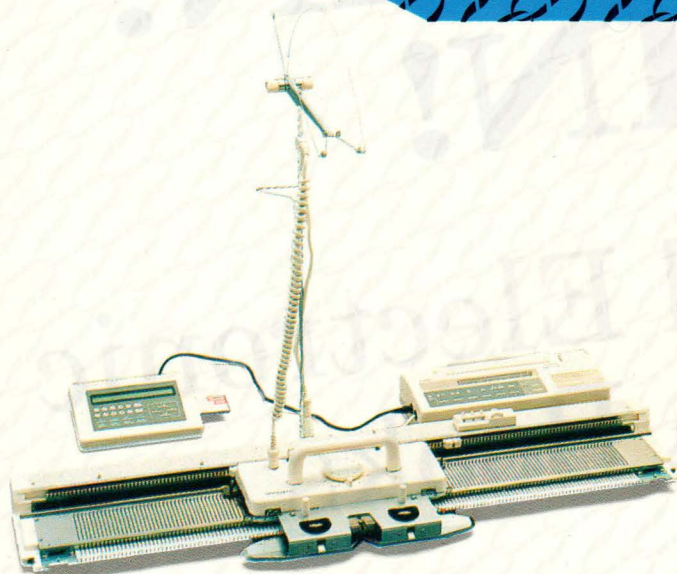


RHYME TIME

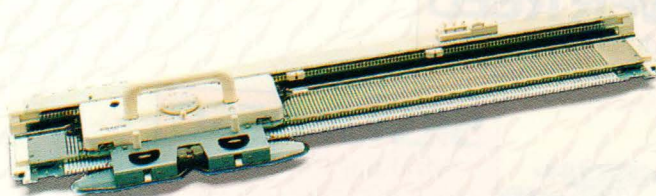
Not seen in mirror but is central in glass.
Once in first and doubled in class.
Absent from purl, near the end of plain.
Finishes Portugal, it isn't in Spain.
First in value, very versatile.
Starts to excite, ends in style.
Changes heat to heart and cops to crops.
Once in top and twice in pops.
Two times in good, never in fail.
Double in leaflet via dealer or mail.
Central in quiet – not a pronoun for you.
Turns hops into shops, so why not view?
Seen in ahead, more than once in high.
The whole bring a sparkle.
To the Machine Knitter's eye.

A PEARL OF A SYSTEM FROM SILVER

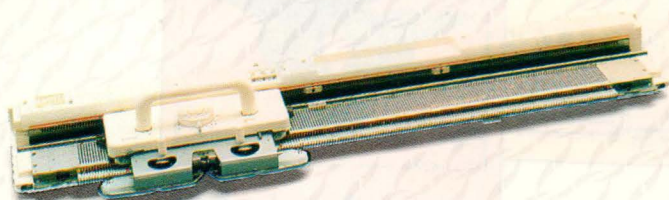
And our low prices add up to a golden opportunity to boost dramatically both the speed and variety of your knitting projects.



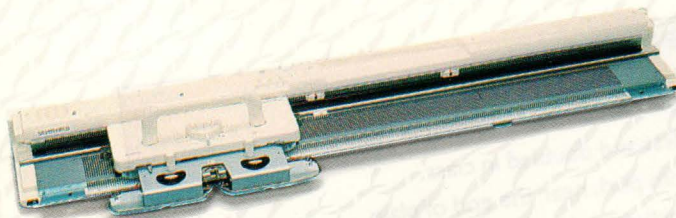
SK 890 *Chunky gauge*
Knits Mohair, Aran, Chunky



SK 860 *Double Knitting gauge*
Knits 4 ply, DK, Aran, Mohair



SK 840 *Standard gauge*
Knits 2 ply, 3 ply, 4 ply



SK 830 *Fine gauge*
Knits 1 ply, 2 ply, 3 ply

The Silver Modular Electronic Knitting System is based on four easy-to-change and whisper-quiet beds of the highest quality. So you'll be able to set just the right gauge and tension for any yarn - and each gives you a wide range of stitch options at the touch of a single lever. Attachments permit even greater stitch and pattern variety. And as the beds and attachments are each sold separately, you buy only as you need to.

The Silver EC1 Pattern Controller gives you great flexibility.

Just one is needed for all four beds. Use any of the 50 pre-printed designs - or draw your own on easy-to-use pattern cards. Cards and books from previous models are also compatible. Additionally, you can vary your patterns at the touch of a button: from doubling the height to changing single bed patterns into Double Jacquard designs and more.

And the second Stitch Width Indicator lets you select any part of a pattern to create extra designs - with no programming required.

Silver EC1 Pattern Controller



Silver PE1 Design Controller

The Silver PE1 Design Controller means big is beautiful.

No longer will it be a problem to expand your designs: add this option to your system and you can increase your patterns from 60 stitches to the full width of the bed, control complicated 3 colour slip patterns with ease, and create non-repeating patterns of up to 220,000 stitches. When you've finished, you can store your patterns on the memory card - and you can also choose a pattern from one of the optional pre-programmed memory card sets.

With the new Silver Modular Electronic Knitting System, the only thing built in is choice - and learning to use it takes no time at all.

Silver. Putting you in control.

For a free demonstration visit your local Dealer NOW

For a brochure:

Send a 9"x12" stamped addressed envelope to:

Silver Knitting Machines Ltd., Unit 1, 10 Wandle Way, Willow Lane Trading Estate, Mitcham, Surrey CR4 4TE.

